

AMDIS GC/MS Analysis Report

Data: AKS2297_230228131934.RAW

Library: C:\Program Files (x86)\NISTMS\AMDIS32\libraries\GDM\GMD.MSL

Number of Identifications: 14

<u>RT(min)</u>	<u>Chemical Name</u>
5.7055	?? M000413_A105003-101-xxx_NA_1031 ,31_TRUE_VAR5_ALK_Pyridine, 2-hydroxy- (1TMS) (ID#:NA) RI = 1030.5 RI-RI(lib) = -0.8
7.4607	?? M000000_A114002-101-xxx_NA_1131 ,27_TRUE_VAR5_ALK_NA114002 (classified unknown) (ID#:NA) RI = 1134.4 RI-RI(lib) = 3.1
9.7216	M000075_A129001-101-xxx_NA_1262 ,42_TRUE_VAR5_ALK_Phosphoric acid (3TMS) (ID#:10497-05-9) RI = 1264.6 RI-RI(lib) = 2.1
10.7749	? M000000_A136002-101-xxx_NA_1332 ,55_TRUE_VAR5_ALK_similar to Lumichrome (2MeOX) (ID#:NA) RI = 1326.3 RI-RI(lib) = -6.3
13.5013	? cis - linalool oxide (furanoid) (ID#:AKS142~1-N1002) RI = 1497.0 RI-RI(lib) = 3.3
13.8573	cis - linalool oxide (pyranoid) (ID#:AKS142~1-N1006) RI = 1520.1 RI-RI(lib) = 3.4
14.1294	M001212_A155003-101-xxx_NA_1541 ,53_PRED_VAR5_ALK_similar to Diterbutylphenol (1TMS) (ID#:NA) RI = 1537.7 RI-RI(lib) = -3.9
15.4153	? M000573_A163003-101-xxx_NA_1620 ,5_TRUE_VAR5_ALK_Triethanolamine (3TMS) (ID#:20836-42-4) RI = 1622.5 RI-RI(lib) = 2.0
18.0294	?? contamination_blank (ID#:TAM757-N1008) RI = 1810.3 RI-RI(lib) = 0.3
18.1152	?? contamination_blank (ID#:TAM757-N1010) RI = 1817.1 RI-RI(lib) = 0.3
19.5481	IS - 13C6-Sorbitol (ID#:ARP436-N1002) RI = 1929.5 RI-RI(lib) = 6.9
19.8187	M000801_A196011-101-xxx_NA_1945,61_TRUE_VAR5_ALK_Gallic acid (4TMS) (ID#:2078-17-3) RI = 1950.8 RI-RI(lib) = 5.2

20.9573 ? contamination - pyridine/BSTFA - C16:0 acid TMS (ID#:JCB665-
N1044)
RI = 2043.0 RI-RI(lib) = 0.1

23.2185 ?? contamination - pyridine/BSTFA - C18:0 acid TMS (ID#:JCB665-
N1048)
RI = 2241.7 RI-RI(lib) = 2.5

QA/QC:

Instrument type: Ion Trap

Scan Direction None

Highest m/z detected = 799, high m/z setting = 800

High noise level. Median Signal(Noise Level)/Threshold=4.6.

Background (low vs. high retention time):

median low RT S/N=30, high RT S/N=103

Solvent Tailing (m/z 84). Run begins at 5.00 min. Solvent falls below:

S/N=2 before run

S/N=1 at 5.15 min.

Column Bleed (m/z 207):

median low RT S/N=2, high RT S/N=13

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