

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
 Data File : VY016112.D
 Acq On : 27 Oct 2023 18:30
 Operator : SY/MD
 Sample : 05107-04
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1074

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/30/2023
 Supervised By :Semsettin Yesilyurt 10/30/2023

Quant Time: Oct 30 06:11:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	167028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	267125	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	221913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83139	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	94292	56.773	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.540%			
35) Dibromofluoromethane	7.716	113	83669	49.615	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.240%			
50) Toluene-d8	10.179	98	344153	55.095	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.200%			
62) 4-Bromofluorobenzene	12.483	95	97120	45.326	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 90.660%			
Target Compounds					Qvalue	
16) Acetone	3.948	43	196792	437.149	ug/l	98
17) Carbon Disulfide	4.198	76	6066	1.536	ug/l #	95
18) Methyl Acetate	4.472	43	3106	1.951	ug/l #	87
20) Methylene Chloride	4.716	84	23183	8.370	ug/l #	83
31) Cyclohexane	7.789	56	665920	254.860	ug/l	89
39) Methylcyclohexane	9.185	83	1191273	415.996	ug/l	93
40) Benzene	8.161	78	15672544	2354.934	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	11414	9.602	ug/l	89
52) Toluene	10.246	92	12987724	3039.065	ug/l #	73
67) Ethyl Benzene	11.593	91	3836325	495.270	ug/l	97
68) m/p-Xylenes	11.703	106	7467188	2491.055	ug/l	83
69) o-Xylene	12.032	106	4092714	1426.153	ug/l	91
73) Isopropylbenzene	12.331	105	424077	72.479	ug/l	99
78) n-propylbenzene	12.672	91	742496	104.806	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	3008862	619.385	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	6057300	1262.535	ug/l	95
85) sec-Butylbenzene	13.251	105	144835m	22.520	ug/l	
86) p-Isopropyltoluene	13.367	119	192234	35.821	ug/l	97
89) n-Butylbenzene	13.696	91	89490	17.876	ug/l #	52
95) Naphthalene	15.233	128	20209023	6860.874	ug/l #	82

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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