

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
 Data File : VY016109.D
 Acq On : 27 Oct 2023 17:20
 Operator : SY/MD
 Sample : 05107-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1048

Manual Integrations
 APPROVED

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

Quant Time: Oct 30 06:10:20 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	134801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	228108	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	203272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	76769	57.273	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.540%			
35) Dibromofluoromethane	7.716	113	72954	50.661	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.320%			
50) Toluene-d8	10.179	98	278970	52.299	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.600%			
62) 4-Bromofluorobenzene	12.483	95	87021	47.559	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.120%			
Target Compounds					Qvalue	
16) Acetone	3.948	43	9538	26.253	ug/l	98
20) Methylene Chloride	4.716	84	35567	21.862	ug/l	86
31) Cyclohexane	7.783	56	64542	30.607	ug/l	94
39) Methylcyclohexane	9.179	83	176700	72.258	ug/l	93
40) Benzene	8.161	78	5281646	929.357	ug/l	99
51) 4-Methyl-2-Pentanone	10.069	43	44600	43.938	ug/l	90
52) Toluene	10.246	92	5446903	1492.556	ug/l	88
64) Tetrachloroethene	10.721	164	19189	14.265	ug/l	95
67) Ethyl Benzene	11.593	91	1400497	197.385	ug/l	97
68) m/p-Xylenes	11.697	106	2968670	1081.169	ug/l	93
69) o-Xylene	12.026	106	1561922	594.182	ug/l	96
73) Isopropylbenzene	12.331	105	165961	30.606	ug/l	99
78) n-propylbenzene	12.672	91	317771	48.400	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	1246834	276.952	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	2700517	607.364	ug/l	98
85) sec-Butylbenzene	13.251	105	78660m	13.198	ug/l	
86) p-Isopropyltoluene	13.367	119	100084	20.124	ug/l	96
89) n-Butylbenzene	13.696	91	50568	10.900	ug/l #	53
95) Naphthalene	15.239	128	14978597	5487.102	ug/l #	94

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

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