

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012224\
 Data File : VY017080.D
 Acq On : 22 Jan 2024 17:39
 Operator : SY/MD
 Sample : P1218-04
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 133

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/23/2024
 Supervised By :Semsettin Yesilyurt 01/23/2024

Quant Time: Jan 23 01:48:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	157278	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.716	114	206117	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	145740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.447	152	26801	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	36509	23.486	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	46.980%#		
35) Dibromofluoromethane	7.740	113	44671	34.010	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	68.020%		
50) Toluene-d8	10.197	98	169612	37.501	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	75.000%		
62) 4-Bromofluorobenzene	12.502	95	35286	23.124	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery =	46.240%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.979	59	62405	598.078	ug/l #	94
16) Acetone	3.966	43	13000389	37533.034	ug/l	89
19) Methyl tert-butyl Ether	5.247	73	27749	7.120	ug/l #	71
25) 2-Butanone	7.009	43	77747	142.387	ug/l	96
31) Cyclohexane	7.795	56	5285556	1981.109	ug/l #	46
39) Methylcyclohexane	9.209	83	1980026	920.134	ug/l	98
40) Benzene	8.185	78	17840	3.107	ug/l	99
51) 4-Methyl-2-Pentanone	10.087	43	29725	33.553	ug/l	100
52) Toluene	10.264	92	257163	74.209	ug/l	99
67) Ethyl Benzene	11.611	91	197664	36.163	ug/l	99
68) m/p-Xylenes	11.715	106	263996	131.582	ug/l	99
69) o-Xylene	12.044	106	150670	80.106	ug/l	99
73) Isopropylbenzene	12.349	105	50142	22.911	ug/l	99
78) n-propylbenzene	12.691	91	135086	50.771	ug/l	98
80) 1,3,5-Trimethylbenzene	12.831	105	105836	61.145	ug/l	93
84) 1,2,4-Trimethylbenzene	13.136	105	379386	222.565	ug/l	98
85) sec-Butylbenzene	13.270	105	33927	15.019	ug/l	80
86) p-Isopropyltoluene	13.386	119	25472	13.663	ug/l	99
89) n-Butylbenzene	13.715	91	26685m	14.887	ug/l	
95) Naphthalene	15.257	128	10096	15.195	ug/l	96

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

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