

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
 Data File : VY016118.D
 Acq On : 27 Oct 2023 20:51
 Operator : SY/MD
 Sample : 05107-10
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1080

Manual Integrations
 APPROVED

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

Quant Time: Oct 30 06:15:12 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	7.795	168	191558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	308515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	266763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	107386	56.377	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.760%			
35) Dibromofluoromethane	7.722	113	96323	49.456	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.920%			
50) Toluene-d8	10.185	98	396265	54.927	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.860%			
62) 4-Bromofluorobenzene	12.483	95	120815	48.820	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.640%			
Target Compounds					Qvalue	
16) Acetone	3.954	43	58414	113.143	ug/l	91
20) Methylene Chloride	4.722	84	30975	10.841	ug/l #	83
31) Cyclohexane	7.789	56	468500	156.343	ug/l	92
39) Methylcyclohexane	9.191	83	1006273	304.251	ug/l	92
40) Benzene	8.167	78	14536717	1891.228	ug/l	93
52) Toluene	10.252	92	11310845	2291.607	ug/l	78
67) Ethyl Benzene	11.599	91	3052548	327.828	ug/l	97
68) m/p-Xylenes	11.703	106	5861535	1626.653	ug/l	87
69) o-Xylene	12.032	106	3079601	892.702	ug/l	93
73) Isopropylbenzene	12.337	105	326958	43.631	ug/l	99
78) n-propylbenzene	12.678	91	616383	67.932	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	2241509	360.273	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	4758069	774.333	ug/l	96
85) sec-Butylbenzene	13.257	105	128418m	15.590	ug/l	
86) p-Isopropyltoluene	13.373	119	165895	24.137	ug/l	97
89) n-Butylbenzene	13.702	91	98765	15.404	ug/l #	62
95) Naphthalene	15.239	128	19399384	5142.268	ug/l #	86

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

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