

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011123\
 Data File : VY012156.D
 Acq On : 11 Jan 2023 12:28
 Operator : KP/MD
 Sample : 01061-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SLUDGE-4

Quant Time: Jan 12 05:48:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	18098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	49302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	87019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	59423	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	45625	224.356	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 448.720%#	
35) Dibromofluoromethane	7.722	113	26207	80.872	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 161.740%#	
50) Toluene-d8	10.179	98	69938	54.680	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.360%	
62) 4-Bromofluorobenzene	12.483	95	46287	103.531	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 207.060%#	
Target Compounds						
					Qvalue	
16) Acetone	3.997	43	42362	885.529	ug/l	98
18) Methyl Acetate	4.503	43	2108	15.319	ug/l	98
20) Methylene Chloride	4.716	84	10301	51.059	ug/l #	87
25) 2-Butanone	7.015	43	6568	104.063	ug/l	100
30) Chloroform	7.502	83	48550	130.540	ug/l	99
39) Methylcyclohexane	9.179	83	1484	2.527	ug/l	90
40) Benzene	8.167	78	1921	1.341	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	5688	24.231	ug/l	99
52) Toluene	10.246	92	28151	29.686	ug/l	100
55) 1,1,2-Trichloroethane	10.624	97	936	3.225	ug/l #	16
59) 2-Hexanone	10.837	43	1277	7.747	ug/l	90
67) Ethyl Benzene	11.593	91	19364	5.451	ug/l	93
68) m/p-Xylenes	11.697	106	32996	23.683	ug/l	98
69) o-Xylene	12.032	106	20896	15.752	ug/l	97
73) Isopropylbenzene	12.337	105	4869	1.036	ug/l	95
78) n-propylbenzene	12.672	91	11333	2.065	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	19006	4.713	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	75683	18.958	ug/l	99
85) sec-Butylbenzene	13.251	105	8455	1.665	ug/l	82
86) p-Isopropyltoluene	13.367	119	46768	10.629	ug/l #	77
89) n-Butylbenzene	13.696	91	10381	2.723	ug/l #	74
95) Naphthalene	15.239	128	18717	7.575	ug/l #	93

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

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