

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041923\
 Data File : VY013353.D
 Acq On : 19 Apr 2023 18:16
 Operator : KP/MD
 Sample : 02366-03
 Misc : 5.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20230291-25-1

Quant Time: Apr 20 06:57:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	203392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	332874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	313161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	143690	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	136205	55.723	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.440%	
35) Dibromofluoromethane	7.716	113	115386	53.543	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.080%	
50) Toluene-d8	10.179	98	407209	50.766	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.540%	
62) 4-Bromofluorobenzene	12.483	95	141088	54.135	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.260%	

Target Compounds					Qvalue	
13) Acrolein	3.729	56	3228	10.750	ug/l #	1
16) Acetone	3.954	43	89814	106.868	ug/l	99
17) Carbon Disulfide	4.198	76	96959	15.388	ug/l	96
25) 2-Butanone	6.990	43	27257	25.330	ug/l	92
31) Cyclohexane	7.783	56	11162	3.020	ug/l #	70
39) Methylcyclohexane	9.185	83	5701	1.502	ug/l	93
40) Benzene	8.161	78	14189	1.502	ug/l	97
65) Chlorobenzene	11.514	112	20016	3.055	ug/l	100
67) Ethyl Benzene	11.593	91	43704	3.830	ug/l	100
68) m/p-Xylenes	11.703	106	8529	1.954	ug/l	92
69) o-Xylene	12.026	106	16953	4.193	ug/l	99
73) Isopropylbenzene	12.331	105	22187	2.251	ug/l	100
78) n-propylbenzene	12.672	91	16095	1.322	ug/l	99
79) 2-Chlorotoluene	12.758	91	16240	2.370	ug/l	92
80) 1,3,5-Trimethylbenzene	12.812	105	12732	1.542	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	69328	8.629	ug/l	98
86) p-Isopropyltoluene	13.367	119	12797	1.472	ug/l #	77
88) 1,4-Dichlorobenzene	13.446	146	6117	1.274	ug/l #	41
95) Naphthalene	15.233	128	51470	10.850	ug/l	96

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

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