

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
 Data File : VY016119.D
 Acq On : 27 Oct 2023 21:14
 Operator : SY/MD
 Sample : 05107-11
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1081

Quant Time: Oct 30 06:15:45 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	185410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	291104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	209417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76349	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	101720	55.173	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.340%	
35) Dibromofluoromethane	7.728	113	89800	48.865	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.720%	
50) Toluene-d8	10.185	98	411115	60.394	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 120.780%	
62) 4-Bromofluorobenzene	12.483	95	104759	44.864	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.720%	

Target Compounds						Qvalue
16) Acetone	3.954	43	134511	269.176	ug/l	91
17) Carbon Disulfide	4.204	76	10805	2.465	ug/l #	95
20) Methylene Chloride	4.722	84	25595	8.289	ug/l #	85
31) Cyclohexane	7.789	56	1149934	396.468	ug/l	93
39) Methylcyclohexane	9.191	83	2467802	790.777	ug/l	92
40) Benzene	8.167	78	22932967	3162.029	ug/l #	77
51) 4-Methyl-2-Pentanone	10.075	43	128977	99.565	ug/l	91
52) Toluene	10.252	92	15806794	3394.041	ug/l #	67
67) Ethyl Benzene	11.599	91	5175110	707.974	ug/l	95
68) m/p-Xylenes	11.703	106	9025918	3190.719	ug/l	80
69) o-Xylene	12.032	106	4803834	1773.837	ug/l	88
70) Styrene	12.050	104	1189979	263.603	ug/l #	44
73) Isopropylbenzene	12.331	105	648017	120.603	ug/l	99
78) n-propylbenzene	12.672	91	1040899	159.993	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	3731031	836.351	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	7056181	1601.532	ug/l	95
85) sec-Butylbenzene	13.257	105	272267	46.100	ug/l #	54
86) p-Isopropyltoluene	13.373	119	327644	66.484	ug/l	98
89) n-Butylbenzene	13.703	91	165239	35.944	ug/l #	59
95) Naphthalene	15.239	128	19495263	7207.168	ug/l #	86

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

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