

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
 Data File : VY016115.D
 Acq On : 27 Oct 2023 19:40
 Operator : SY/MD
 Sample : 05107-07
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1077

Quant Time: Oct 30 06:13:33 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	185908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	298806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	253383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99255	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	104902	56.747	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.500%	
35) Dibromofluoromethane	7.722	113	93836	49.745	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.480%	
50) Toluene-d8	10.185	98	374161	53.548	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.100%	
62) 4-Bromofluorobenzene	12.483	95	115191	48.060	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.120%	

Target Compounds						Qvalue
16) Acetone	3.948	43	36658	73.161	ug/l #	88
20) Methylene Chloride	4.722	84	31573	11.718	ug/l	87
31) Cyclohexane	7.789	56	361502	124.303	ug/l	90
39) Methylcyclohexane	9.185	83	799944	249.725	ug/l	93
40) Benzene	8.167	78	13589138	1825.393	ug/l	94
52) Toluene	10.246	92	11068695	2315.413	ug/l	78
67) Ethyl Benzene	11.593	91	2655301	300.224	ug/l	98
68) m/p-Xylenes	11.703	106	5233997	1529.203	ug/l	89
69) o-Xylene	12.032	106	2375905	725.085	ug/l	94
73) Isopropylbenzene	12.331	105	269837	38.630	ug/l	100
78) n-propylbenzene	12.672	91	519306	61.400	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	1620976	279.504	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	3496962	610.531	ug/l	97
85) sec-Butylbenzene	13.257	105	109128	14.213	ug/l #	52
86) p-Isopropyltoluene	13.373	119	145593	22.725	ug/l	97
89) n-Butylbenzene	13.696	91	78610	13.153	ug/l #	58
95) Naphthalene	15.239	128	16287897	4631.818	ug/l #	93

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

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