

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101123\
 Data File : VY015932.D
 Acq On : 11 Oct 2023 18:29
 Operator : SY/MD
 Sample : 04805-06
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 M-1(0-5)

Quant Time: Oct 12 01:59:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	146280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	257359	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	238047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	93302	70.886	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 141.780%	
35) Dibromofluoromethane	7.716	113	83572	58.218	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.440%	
50) Toluene-d8	10.185	98	306757	64.840	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 129.680%	
62) 4-Bromofluorobenzene	12.483	95	108328	56.374	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.740%	
Target Compounds						
					Qvalue	
16) Acetone	3.966	43	51684	85.700	ug/l	91
17) Carbon Disulfide	4.192	76	29055	24.463	ug/l	98
25) 2-Butanone	7.003	43	5676	7.861	ug/l	98
39) Methylcyclohexane	9.185	83	2105	1.303	ug/l #	88
40) Benzene	8.161	78	20216	4.046	ug/l	99
52) Toluene	10.246	92	9864	2.974	ug/l	100
67) Ethyl Benzene	11.599	91	15222	2.137	ug/l	97
69) o-Xylene	12.032	106	7865	2.929	ug/l	98
70) Styrene	12.050	104	4815	1.028	ug/l #	64
73) Isopropylbenzene	12.337	105	85375	12.774	ug/l #	62
80) 1,3,5-Trimethylbenzene	12.812	105	15312	2.780	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	28917	5.213	ug/l #	32
86) p-Isopropyltoluene	13.373	119	5213877	835.967	ug/l	99

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

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