

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
 Data File : VY015865.D
 Acq On : 06 Oct 2023 16:22
 Operator : SY/MD
 Sample : 04767-08
 Misc : 5.67g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 Q-2(5-10)

Quant Time: Oct 07 07:28:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:54:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	229372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	393290	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	357585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	160837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	143344	63.521	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.040%	
35) Dibromofluoromethane	7.716	113	68841	30.708	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 61.420%	
50) Toluene-d8	10.179	98	464593	63.832	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 127.660%	
62) 4-Bromofluorobenzene	12.477	95	159568	53.635	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.280%	
Target Compounds						
					Qvalue	
15) Acrylonitrile	5.174	53	6492	6.664	ug/l	99
16) Acetone	3.966	43	33695	28.820	ug/l	95
17) Carbon Disulfide	4.180	76	83669	36.227	ug/l	100
20) Methylene Chloride	4.704	84	22151	2.402	ug/l	90
25) 2-Butanone	6.996	43	8940	5.559	ug/l	97
31) Cyclohexane	7.777	56	7719	3.035	ug/l #	29
39) Methylcyclohexane	9.179	83	13479	4.712	ug/l	99
40) Benzene	8.155	78	30690	3.657	ug/l	100
52) Toluene	10.240	92	22982	4.185	ug/l	100
68) m/p-Xylenes	11.697	106	14781	3.435	ug/l	100
69) o-Xylene	12.026	106	8639	2.019	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	10183	1.173	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	23547	2.699	ug/l	95

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

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