

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
 Data File : VY014723.D
 Acq On : 20 Jul 2023 16:04
 Operator : SY/MD
 Sample : 03677-01
 Misc : 4.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SWC-1

Quant Time: Jul 21 01:31:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	222837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	338724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	195703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	43132	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	93821	36.947	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	73.900%
35) Dibromofluoromethane	7.716	113	99017	45.921	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.840%
50) Toluene-d8	10.179	98	404935	50.938	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.880%
62) 4-Bromofluorobenzene	12.477	95	105620	34.650	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.300%

Target Compounds						Qvalue
16) Acetone	3.936	43	77886	96.792	ug/l	# 79
25) 2-Butanone	6.978	43	32077	27.248	ug/l	# 64
31) Cyclohexane	7.765	56	798014	189.314	ug/l	# 60
39) Methylcyclohexane	9.179	83	1486202	353.772	ug/l	95
40) Benzene	8.161	78	13109	1.429	ug/l	94
44) Trichloroethene	8.935	130	7862	3.064	ug/l	97
52) Toluene	10.240	92	2164552	368.847	ug/l	93
64) Tetrachloroethene	10.715	164	46818	29.745	ug/l	93
67) Ethyl Benzene	11.593	91	3851717	511.540	ug/l	96
68) m/p-Xylenes	11.697	106	3508439	1220.642	ug/l	94
69) o-Xylene	12.026	106	2977825	1063.681	ug/l	96
73) Isopropylbenzene	12.325	105	824407	244.106	ug/l	100
78) n-propylbenzene	12.666	91	2438356	599.159	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	3927039	1392.322	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	6201002	2240.258	ug/l	96
85) sec-Butylbenzene	13.251	105	274311	74.740	ug/l	# 54
86) p-Isopropyltoluene	13.367	119	166969	55.719	ug/l	98
89) n-Butylbenzene	13.696	91	503567	172.725	ug/l	# 66
95) Naphthalene	15.233	128	548799	269.945	ug/l	# 94

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

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