

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100824\
 Data File : VY019823.D
 Acq On : 08 Oct 2024 15:22
 Operator : SY/MD
 Sample : P4340-03
 Misc : 4.16g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1B-7-VOC

Quant Time: Oct 09 05:48:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	220544	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	428253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	375290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	124315	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	141814	69.442	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.880%
35) Dibromofluoromethane	7.634	113	139148	57.307	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.620%
50) Toluene-d8	10.103	98	519639	57.860	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	115.720%
62) 4-Bromofluorobenzene	12.402	95	156272	45.253	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	90.500%

Target Compounds						Qvalue
16) Acetone	3.873	43	84484	173.649	ug/l	# 83
17) Carbon Disulfide	4.110	76	9788	1.851	ug/l	# 95
31) Cyclohexane	7.701	56	24123	6.600	ug/l	# 83
39) Methylcyclohexane	9.110	83	54791	12.461	ug/l	# 89
40) Benzene	8.079	78	2435468	239.325	ug/l	100
52) Toluene	10.164	92	6736	1.029	ug/l	99
68) m/p-Xylenes	11.627	106	11718	2.363	ug/l	85
73) Isopropylbenzene	12.249	105	23695	2.627	ug/l	99
83) tert-Butylbenzene	12.993	119	6638	1.000	ug/l	83
95) Naphthalene	15.145	128	5390	1.276	ug/l	98

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

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