

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102225\
 Data File : VY023553.D
 Acq On : 22 Oct 2025 15:58
 Operator : SY/MD
 Sample : Q3419-05
 Misc : 4.98g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PR132-S16-094119-20251021

Quant Time: Oct 24 02:36:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	942425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1514027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1286219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	504876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	409580	51.973	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.940%	
35) Dibromofluoromethane	7.634	113	472529	50.793	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.580%	
50) Toluene-d8	10.109	98	1725302	49.799	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.600%	
62) 4-Bromofluorobenzene	12.408	95	529575	46.299	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.600%	
Target Compounds						
					Qvalue	
16) Acetone	3.873	43	161831	86.257	ug/l	94
17) Carbon Disulfide	4.110	76	128146	5.326	ug/l	99
20) Methylene Chloride	4.622	84	16514	1.628	ug/l #	95
25) 2-Butanone	6.903	43	56883	24.835	ug/l	97
39) Methylcyclohexane	9.110	83	126416	7.883	ug/l #	79
40) Benzene	8.079	78	104295	2.674	ug/l	97
68) m/p-Xylenes	11.627	106	61705	3.397	ug/l	92
69) o-Xylene	11.957	106	145222	8.524	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	87778	3.265	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	150406	5.605	ug/l	97

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

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