

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102225\
 Data File : VY023557.D
 Acq On : 22 Oct 2025 17:35
 Operator : SY/MD
 Sample : Q3424-03
 Misc : 4.58g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PR132-S14-000094-20251021

Quant Time: Oct 24 02:37:56 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	766523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1219443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1038965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	408239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	327571	51.105	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	102.200%	
35) Dibromofluoromethane	7.640	113	380304	50.755	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	101.520%	
50) Toluene-d8	10.109	98	1391193	49.856	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	99.720%	
62) 4-Bromofluorobenzene	12.408	95	408169	44.306	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	88.620%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.866	59	35373	74.180	ug/l #	81
16) Acetone	3.872	43	148073	97.036	ug/l	92
17) Carbon Disulfide	4.110	76	44448	2.271	ug/l	95
20) Methylene Chloride	4.622	84	14233	1.725	ug/l	90
25) 2-Butanone	6.902	43	37182	19.959	ug/l	97
39) Methylcyclohexane	9.109	83	33569	2.599	ug/l #	89
40) Benzene	8.079	78	77924	2.480	ug/l	97
68) m/p-Xylenes	11.627	106	42421	2.891	ug/l	97
69) o-Xylene	11.956	106	72102	5.240	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	40212	1.850	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	92667	4.271	ug/l	99

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

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