

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
 Data File : VY023373.D
 Acq On : 25 Sep 2025 14:56
 Operator : SY/MD
 Sample : Q3174-02
 Misc : 7.36g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SBF1

Quant Time: Sep 26 04:24:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 10 01:44:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	616227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1138197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1103007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	505673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	322696	59.594	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.180%	
35) Dibromofluoromethane	7.634	113	375231	53.933	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.860%	
50) Toluene-d8	10.109	98	1360036	51.768	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.540%	
62) 4-Bromofluorobenzene	12.402	95	462048	55.887	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.780%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.068	50	276761	39.122	ug/l	97
5) Bromomethane	2.605	94	21921	3.012	ug/l	98
10) Methyl Iodide	4.001	142	7289	1.033	ug/l #	93
16) Acetone	3.866	43	14066	11.404	ug/l	94
30) Chloroform	7.421	83	12538	1.090	ug/l	83
52) Toluene	10.170	92	41835	2.140	ug/l	99
68) m/p-Xylenes	11.621	106	23834	1.508	ug/l	100

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

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