Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060425\
Data File : VY022544.D
Acq On : 04 Jun 2025 12:39
Operator : SY/MD
Sample : Q2168-03RE
Misc : 5.44g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3RE

Quant Time: Jun 05 04:13:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	15310	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	23690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	13874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	2305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	6074	35.472	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 70.940%			
35) Dibromofluoromethane	7.634	113	4696	33.211	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 66.420%			
50) Toluene-d8	10.103	98	24545	42.960	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 85.920%			
62) 4-Bromofluorobenzene	12.408	95	4064	23.873	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 47.740%			
Target Compounds						Qvalue
40) Benzene	8.079	78	9310	13.735	ug/l	98
52) Toluene	10.170	92	12274	28.814	ug/l	95
67) Ethyl Benzene	11.511	91	3358	5.897	ug/l	96
68) m/p-Xylenes	11.621	106	6142	28.452	ug/l	98
69) o-Xylene	11.950	106	2567	12.683	ug/l	93
80) 1,3,5-Trimethylbenzene	12.731	105	1191	8.016	ug/l	79
84) 1,2,4-Trimethylbenzene	13.048	105	2773	18.661	ug/l	94
95) Naphthalene	15.145	128	1391	19.347	ug/l #	85

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

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