Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022804.D
Acq On : 24 Jun 2025 17:50
Operator : SY/MD
Sample : Q2403-03
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0093

Quant Time: Jun 25 01:29:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	379681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	684135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	533264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	116879	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	210146	49.591	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 99.180%			
35) Dibromofluoromethane	7.628	113	205727	49.447	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.900%			
50) Toluene-d8	10.103	98	774486	46.911	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 93.820%			
62) 4-Bromofluorobenzene	12.402	95	190302	35.856	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 71.720%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.866	59	5169	18.345	ug/l #	86
16) Acetone	3.867	43	11099	13.857	ug/l	90
40) Benzene	8.079	78	19890	1.026	ug/l	95
51) 4-Methyl-2-Pentanone	9.994	43	6094	2.120	ug/l	96
52) Toluene	10.164	92	58118	4.751	ug/l	99
68) m/p-Xylenes	11.621	106	32441	4.076	ug/l	95
69) o-Xylene	11.950	106	12390	1.652	ug/l	91
84) 1,2,4-Trimethylbenzene	13.036	105	59574	8.527	ug/l	97
89) n-Butylbenzene	13.609	91	14741	2.034	ug/l #	63

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

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