Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010325\
Data File : VY020770.D
Acq On : 03 Jan 2025 15:28
Operator : SY/MD
Sample : Q1009-03
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 03 22:05:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 26 16:12:28 2024
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-1-03-2025

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	20295	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.616	114	29167	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	20406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	5958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	7882	47.415	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 94.820%			
35) Dibromofluoromethane	7.640	113	8532	53.107	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.220%			
50) Toluene-d8	10.109	98	31262	48.970	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.940%			
62) 4-Bromofluorobenzene	12.408	95	6868	32.168	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 64.340%			
Target Compounds						Qvalue
82) 4-Chlorotoluene	12.786	91	285	1.046	ug/l	87
87) 1,3-Dichlorobenzene	13.292	146	289	1.556	ug/l	96
88) 1,4-Dichlorobenzene	13.377	146	323m	1.748	ug/l	
91) 1,2-Dichlorobenzene	13.657	146	218	1.369	ug/l #	72

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

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