Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062025\
Data File : VY022764.D
Acq On : 20 Jun 2025 14:58
Operator : SY/MD
Sample : Q2388-03
Misc : 5.14g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-12-VOC

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/23/2025
Supervised By :Semsettin Yesilyurt 06/23/2025

Quant Time: Jun 21 02:40:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	94781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	181687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	155033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	61286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	56029	52.854	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.700%			
35) Dibromofluoromethane	7.634	113	57014	52.574	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.140%			
50) Toluene-d8	10.109	98	222752	50.835	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.660%			
62) 4-Bromofluorobenzene	12.401	95	61282	46.939	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 93.880%			
Target Compounds						Qvalue
39) Methylcyclohexane	9.109	83	2756m	1.165	ug/l	
85) sec-Butylbenzene	13.176	105	26602	4.899	ug/l	87
89) n-Butylbenzene	13.615	91	21413m	5.043	ug/l	

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

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