Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
Sample : Q2363-01
Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

Quant Time: Jun 25 01:25:12 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	7.701	168	325185	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.610	114	571084	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	576784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	303388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	165802	45.683	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 91.360%			
35) Dibromofluoromethane	7.628	113	173360	49.916	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.840%			
50) Toluene-d8	10.103	98	896002	65.014	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 130.020%			
62) 4-Bromofluorobenzene	12.396	95	365336	82.462	ug/l	-0.01
Spiked Amount 50.000	Range 30 - 143		Recovery = 164.920%#			
Target Compounds						Qvalue
31) Cyclohexane	7.695	56	185350	29.732	ug/l	94
39) Methylcyclohexane	9.103	83	1398906	205.343	ug/l	99
78) n-propylbenzene	12.591	91	106853	3.944	ug/l	93

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

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