Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012025\
Data File : VY020883.D
Acq On : 20 Jan 2025 16:10
Operator : SY/MD
Sample : Q1110-02
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BIN-1-VOC

Quant Time: Jan 21 00:43:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.719	168	85017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	127478	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	104605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	41473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	40117	55.516	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.040%			
35) Dibromofluoromethane	7.640	113	43395	54.336	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.680%			
50) Toluene-d8	10.115	98	140284	50.388	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.780%			
62) 4-Bromofluorobenzene	12.414	95	41087	39.964	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 79.920%			
Target Compounds						Qvalue
16) Acetone	3.879	43	2544	24.757	ug/l #	85
51) 4-Methyl-2-Pentanone	10.006	43	538	1.306	ug/l	99
95) Naphthalene	15.151	128	21191	17.360	ug/l	98

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

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