Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042825\
Data File : VY022037.D
Acq On : 28 Apr 2025 17:25
Operator : SY/MD
Sample : Q1891-07
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MH-D-VOC

Quant Time: Apr 29 03:55:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	325898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	600876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	540553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	215571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	160093	53.182	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.360%			
35) Dibromofluoromethane	7.634	113	203179	51.182	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.360%			
50) Toluene-d8	10.103	98	722448	48.273	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.540%			
62) 4-Bromofluorobenzene	12.401	95	213758	42.428	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 84.860%			
Target Compounds						Qvalue
16) Acetone	3.879	43	18609	28.285	ug/l	98
25) 2-Butanone	6.896	43	5495	8.008	ug/l	93
27) cis-1,2-Dichloroethene	6.884	96	63163	15.569	ug/l	90
44) Trichloroethene	8.866	130	16118	3.491	ug/l	97

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

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