Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071624\
Data File : VY018835.D
Acq On : 16 Jul 2024 16:36
Operator : SY/MD
Sample : P3224-13
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
400STEVEN-4

Quant Time: Jul 17 01:57:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.758	168	202304	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.667	114	342194	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.483	117	317762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	139117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.112	65	101725	51.100	ug/l	-0.02
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.200%			
35) Dibromofluoromethane	7.691	113	106550	49.715	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.420%			
50) Toluene-d8	10.167	98	391669	48.236	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.480%			
62) 4-Bromofluorobenzene	12.477	95	134482	48.498	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.000%			
Target Compounds						Qvalue
40) Benzene	8.136	78	10504	1.224	ug/l	97
52) Toluene	10.228	92	9911	1.738	ug/l	95
68) m/p-Xylenes	11.697	106	4900	1.063	ug/l	100
95) Naphthalene	15.239	128	129386	29.961	ug/l	99

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

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