Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
Data File : VY014720.D
Acq On : 20 Jul 2023 14:54
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 21 01:30:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Manual Integrations APPROVED

Reviewed By :John Carlone 07/21/2023
Supervised By :Mahesh Dadoda 07/21/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	259266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	448635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	414729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	204448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	159158	53.871	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.740%			
35) Dibromofluoromethane	7.716	113	141321	49.484	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.960%			
50) Toluene-d8	10.179	98	532482	50.572	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.140%			
62) 4-Bromofluorobenzene	12.477	95	207312	51.350	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.700%			
Target Compounds						Qvalue
31) Cyclohexane	7.777	56	14852	3.028	ug/l #	75
67) Ethyl Benzene	11.593	91	27881	1.747	ug/l	96
73) Isopropylbenzene	12.325	105	19744	1.233	ug/l	100
78) n-propylbenzene	12.666	91	163383	8.470	ug/l	100
80) 1,3,5-Trimethylbenzene	12.763	105	38747	2.898	ug/l	75
89) n-Butylbenzene	13.690	91	103648	7.500	ug/l #	86
95) Naphthalene	15.233	128	1214785	126.060	ug/l	99

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

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