Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052623\
Data File : VD076267.D
Acq On : 26 May 2023 19:40
Operator : KP/SY
Sample : 02953-01
Misc : 6.26G/5.00ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PNNL-RH-524-1

Quant Time: May 26 23:17:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.875	168	252916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	495531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	425459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	167272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	158649	64.904	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 129.800%			
35) Dibromofluoromethane	7.805	113	205075	59.872	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 119.740%			
50) Toluene-d8	10.269	98	572797	42.899	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 85.800%			
62) 4-Bromofluorobenzene	12.575	95	201418	54.304	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 108.600%			
Target Compounds						Qvalue
5) Bromomethane	2.681	94	14906	4.501	ug/l	97
7) Trichlorofluoromethane	3.164	101	6892	1.653	ug/l	100
10) Methyl Iodide	4.152	142	6773	2.372	ug/l	89

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

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