Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121823\
Data File : VD077948.D
Acq On : 18 Dec 2023 15:38
Operator : RP/MD
Sample : 05808-09
Misc : 5.77G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
C0B03

Quant Time: Dec 18 23:17:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Dec 18 23:16:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	348433	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	334374	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	162444	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	164365	17.298	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 69.200%			
7) Chloroethane-d5	2.805	69	158456	20.922	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.680%			
11) 1,1-Dichloroethene-d2	3.922	65	35097	14.246	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 57.000%			
21) 2-Butanone-d5	6.993	46	43215	35.985	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 71.980%			
24) Chloroform-d	7.569	84	188727	20.097	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 80.400%			
26) 1,2-Dichloroethane-d4	8.228	65	98523	20.707	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 82.840%			
32) Benzene-d6	8.204	84	380791	18.909	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 75.640%			
36) 1,2-Dichloropropane-d6	9.210	67	116787	19.007	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 76.040%			
41) Toluene-d8	10.269	98	346390	18.687	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 74.760%			
43) trans-1,3-Dichloroprop...	10.528	79	50801	18.696	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 74.800%			
47) 2-Hexanone-d5	10.881	63	42444	40.087	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 80.180%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	96741	21.788	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 87.160%			
66) 1,2-Dichlorobenzene-d4	13.822	152	127990	22.024	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 88.080%			
Target Compounds						Qvalue
13) Acetone	4.028	43	11494	7.470	ug/L	94
16) Methylene chloride	4.805	84	4255	0.688	ug/L #	70
64) 1,3-Dichlorobenzene	13.463	146	142257	13.567	ug/L	96
65) 1,4-Dichlorobenzene	13.540	146	160960	14.793	ug/L	97
67) 1,2-Dichlorobenzene	13.834	146	512213	54.286	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	592612	97.766	ug/L	99
72) 1,2,3-Trichlorobenzene	15.528	180	270577	50.919	ug/L	99

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

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