Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042023\
Data File : VD075763.D
Acq On : 20 Apr 2023 12:59
Operator : KP/SY
Sample : VIBLK105
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK105

Quant Time: Apr 21 06:03:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 21 05:54:09 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	389366	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	345350	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	142428	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	237203	27.770	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 111.080%			
7) Chloroethane-d5	2.805	69	201368	27.285	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.120%			
11) 1,1-Dichloroethene-d2	3.922	65	55335	28.099	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 112.400%#			
21) 2-Butanone-d5	6.987	46	36368	49.045	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 98.080%			
24) Chloroform-d	7.569	84	243767	25.036	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.160%			
26) 1,2-Dichloroethane-d4	8.234	65	108258	26.036	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.160%			
32) Benzene-d6	8.205	84	545834	27.117	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 108.480%			
36) 1,2-Dichloropropane-d6	9.210	67	149121	26.766	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 107.080%			
41) Toluene-d8	10.269	98	506696	26.889	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 107.560%			
43) trans-1,3-Dichloroprop...	10.528	79	60998	26.488	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 105.960%			
47) 2-Hexanone-d5	10.881	63	31988	47.684	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 95.360%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	106325	24.939	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.760%			
66) 1,2-Dichlorobenzene-d4	13.816	152	141377	28.063	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 112.240%			
Target Compounds						Qvalue
16) Methylene chloride	4.805	84	17180	2.175	ug/L	87
64) 1,3-Dichlorobenzene	13.457	146	3696	0.409	ug/L	89
65) 1,4-Dichlorobenzene	13.545	146	4751	0.501	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	3742	0.464	ug/L #	87
70) 1,2,4-trichlorobenzene	15.098	180	4284	0.854	ug/L	97
72) 1,2,3-Trichlorobenzene	15.522	180	5530	1.234	ug/L	90

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

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