Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030323\
Data File : VD075445.D
Acq On : 03 Mar 2023 14:01
Operator : KP/SY
Sample : MDL04
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 03 23:34:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Mar 03 23:23:38 2023
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
MDL04

Manual Integrations APPROVED

Reviewed By :Krupa Patel 03/06/2023
Supervised By :Mahesh Dadoda 03/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	314135	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	280123	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	118718	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	128702	16.501	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 66.000%			
7) Chloroethane-d5	2.805	69	122150	18.096	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.400%			
11) 1,1-Dichloroethene-d2	3.923	63	91621	12.576	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 50.320%			
21) 2-Butanone-d5	6.981	46	24937	34.500	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 69.000%			
24) Chloroform-d	7.569	84	151518	18.405	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 73.640%			
26) 1,2-Dichloroethane-d4	8.228	65	63221	17.727	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 70.920%			
32) Benzene-d6	8.199	84	301613	18.130	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 72.520%			
36) 1,2-Dichloropropane-d6	9.210	67	89623	19.061	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 76.240%			
41) Toluene-d8	10.269	98	270307	17.811	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 71.240%			
43) trans-1,3-Dichloroprop...	10.522	79	33568	17.471	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 69.880%			
47) 2-Hexanone-d5	10.881	63	20673	30.477	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 60.960%			
56) 1,1,2,2-Tetrachloroeth...	12.657	84	68582	17.437	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 69.760%			
66) 1,2-Dichlorobenzene-d4	13.816	152	82029	19.753	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 79.000%			
Target Compounds						Qvalue
3) Chloromethane	2.152	50	10703	1.317	ug/L	96
6) Bromomethane	2.705	94	6230	1.286	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	5613m	1.062	ug/L	
12) 1,1-Dichloroethene	3.940	96	4882	1.049	ug/L #	1
13) Acetone	4.023	43	4263m	5.221	ug/L	
16) Methylene chloride	4.799	84	11046	1.665	ug/L	95
22) 2-Butanone	7.087	43	2301m	2.221	ug/L	
40) 4-Methyl-2-pentanone	10.157	43	2671	1.408	ug/L	93
48) 2-Hexanone	10.928	43	1954	1.400	ug/L #	77

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

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