Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100423\
Data File : VW027212.D
Acq On : 04 Oct 2023 11:18
Operator : SY/MD
Sample : 04696-04 1 PPB MDL
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 05 01:24:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Oct 04 22:49:04 2023
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-QT4-2023-08DL

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	549363	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	537656	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	270883	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	166534	19.294	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 77.160%			
7) Chloroethane-d5	2.893	69	136128	19.955	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.800%			
11) 1,1-Dichloroethene-d2	4.021	65	72171	20.125	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 80.520%			
21) 2-Butanone-d5	7.081	46	71321	39.970	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 79.940%			
24) Chloroform-d	7.648	84	333509	20.743	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 82.960%			
26) 1,2-Dichloroethane-d4	8.307	65	165374	21.462	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 85.840%			
32) Benzene-d6	8.276	84	677276	20.554	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 82.200%			
36) 1,2-Dichloropropane-d6	9.276	67	196623	19.931	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 79.720%			
41) Toluene-d8	10.325	98	611029	21.014	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.040%			
43) trans-1,3-Dichloroprop...	10.581	79	81848	21.142	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 84.560%			
47) 2-Hexanone-d5	10.922	63	61868	40.998	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 82.000%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	155648	20.617	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 82.480%			
66) 1,2-Dichlorobenzene-d4	13.848	152	204604	22.527	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.120%			
Target Compounds						Qvalue
16) Methylene chloride	4.923	84	39706	3.692	ug/L	96
44) trans-1,3-Dichloropropene	10.599	75	9057m	0.766	ug/L	
59) Bromoform	12.343	173	2502	0.585	ug/L	97
69) 1,3,5-Trichlorobenzene	14.629	180	7518m	0.634	ug/L	
70) 1,2,4-trichlorobenzene	15.123	180	6031	0.645	ug/L	97
71) Naphthalene	15.360	128	9208	0.558	ug/L #	93
72) 1,2,3-Trichlorobenzene	15.543	180	5229	0.630	ug/L	96

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

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