Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
Data File : VW021430.D
Acq On : 17 Dec 2021 14:53
Operator : SY/VA
Sample : M5121-04
Misc : 5.26g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BGL53

Quant Time: Dec 17 21:16:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 17 00:58:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	114075	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	97991	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	37532	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	44211	21.280	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.120%			
7) Chloroethane-d5	2.879	69	29963	21.816	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.280%			
11) 1,1-Dichloroethene-d2	4.013	63	40091	14.474	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 57.880%			
21) 2-Butanone-d5	7.074	46	12693	43.342	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 86.680%			
24) Chloroform-d	7.647	84	65159	20.497	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 82.000%			
26) 1,2-Dichloroethane-d4	8.305	65	37674	22.279	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.120%			
32) Benzene-d6	8.269	84	127524	23.742	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.960%			
36) 1,2-Dichloropropane-d6	9.268	67	35607	24.719	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.880%			
41) Toluene-d8	10.323	98	115775	21.096	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.400%			
43) trans-1,3-Dichloroprop...	10.573	79	13920	20.987	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 83.960%			
47) 2-Hexanone-d5	10.920	63	11187	52.518	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.040%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	23797	19.217	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 76.880%			
66) 1,2-Dichlorobenzene-d4	13.853	152	25593	17.595	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 70.360%#			
Target Compounds						Qvalue
13) Acetone	4.117	43	2634	10.033	ug/L	92
46) Tetrachloroethene	10.860	164	1070	0.752	ug/L	79
52) Ethylbenzene	11.725	91	8050	1.128	ug/L	99
53) m,p-Xylene	11.835	106	2492	0.866	ug/L	76
60) Isopropylbenzene	12.463	105	3170	0.622	ug/L #	91
64) 1,3-Dichlorobenzene	13.493	146	22971	9.549	ug/L	89
65) 1,4-Dichlorobenzene	13.579	146	24110	10.088	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	4381	2.069	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	55846	38.618	ug/L	95
72) 1,2,3-Trichlorobenzene	15.554	180	7532	6.302	ug/L	97

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

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