Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121521\
Data File : VW021396.D
Acq On : 15 Dec 2021 17:54
Operator : SY/VA
Sample : M5101-13
Misc : 7.42g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL37

Quant Time: Dec 16 01:00:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 16 00:57:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	102427	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	100456	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	62092	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	32187	17.254	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 69.000%			
7) Chloroethane-d5	2.879	69	26896	21.810	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.240%			
11) 1,1-Dichloroethene-d2	4.031	63	161447	64.916	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 259.680%#			
21) 2-Butanone-d5	7.086	46	15452	58.763	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 117.520%			
24) Chloroform-d	7.647	84	62123	21.764	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 87.040%			
26) 1,2-Dichloroethane-d4	8.305	65	34839	22.945	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.800%			
32) Benzene-d6	8.268	84	114662	20.824	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 83.280%			
36) 1,2-Dichloropropane-d6	9.274	67	32999	22.346	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 89.400%			
41) Toluene-d8	10.323	98	111809	19.873	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 79.480%			
43) trans-1,3-Dichloroprop...	10.573	79	15291	22.488	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.960%			
47) 2-Hexanone-d5	10.926	63	11976	54.843	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.680%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	32218	25.379	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 101.520%			
66) 1,2-Dichlorobenzene-d4	13.853	152	47610	19.785	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 79.120%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	19334	13.670	ug/L	93
12) 1,1-Dichloroethene	4.037	96	257485	202.804	ug/L #	59
19) 1,1-Dichloroethane	6.214	63	47407	21.976	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	4969733	2204.903	ug/L #	92
34) Trichloroethene	9.091	95	838575	545.886	ug/L	93
42) Toluene	10.384	91	196631	30.723	ug/L	99
45) 1,1,2-Trichloroethane	10.792	97	609	0.610	ug/L	91
46) Tetrachloroethene	10.865	164	6728218	4610.563	ug/L	97
52) Ethylbenzene	11.731	91	5037	0.689	ug/L	94
53) m,p-Xylene	11.835	106	11914	4.038	ug/L	89
54) o-Xylene	12.164	106	4073	1.455	ug/L	88
63) 1,2,4-Trimethylbenzene	13.249	105	5891	0.832	ug/L	94

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

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