Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
Data File : VW021436.D
Acq On : 17 Dec 2021 17:19
Operator : SY/VA
Sample : M5121-11
Misc : 6.33g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGL58

Quant Time: Dec 17 21:18:01 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	136179	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	127052	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	57420	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	44161	17.806	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.240%			
7) Chloroethane-d5	2.873	69	27931	17.035	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 68.160%			
11) 1,1-Dichloroethene-d2	4.013	63	47125	14.252	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 57.000%			
21) 2-Butanone-d5	7.074	46	22052	63.077	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 126.160%			
24) Chloroform-d	7.647	84	74699	19.683	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 78.720%			
26) 1,2-Dichloroethane-d4	8.305	65	46004	22.789	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.160%			
32) Benzene-d6	8.275	84	148183	21.278	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 85.120%			
36) 1,2-Dichloropropane-d6	9.274	67	40959	21.930	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 87.720%			
41) Toluene-d8	10.323	98	134765	18.939	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 75.760%			
43) trans-1,3-Dichloroprop...	10.573	79	17324	20.145	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 80.560%			
47) 2-Hexanone-d5	10.920	63	18853	68.263	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 136.520%#			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	37912	23.613	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 94.440%			
66) 1,2-Dichlorobenzene-d4	13.853	152	44201	19.863	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 79.440%			
Target Compounds						Qvalue
13) Acetone	4.123	43	9616	30.682	ug/L	92
14) Carbon disulfide	4.379	76	5384	1.235	ug/L	96
22) 2-Butanone	7.177	43	2572	6.284	ug/L	92
40) 4-Methyl-2-pentanone	10.207	43	3056	3.633	ug/L #	98
52) Ethylbenzene	11.725	91	8982	0.971	ug/L	100
53) m,p-Xylene	11.829	106	2632	0.705	ug/L	82
54) o-Xylene	12.164	106	1852	0.523	ug/L	80
60) Isopropylbenzene	12.463	105	15733	2.016	ug/L	100
62) 1,3,5-Trimethylbenzene	12.944	105	45695	6.882	ug/L	91
63) 1,2,4-Trimethylbenzene	13.249	105	106400	16.246	ug/L	95

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

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