Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101821\
Data File : VW020555.D
Acq On : 18 Oct 2021 12:06
Operator : SY/VA
Sample : M4210-03
Misc : 5.16g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JDGC3

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/20/2021
Supervised By :Mahesh Dadoda 10/21/2021

Quant Time: Oct 19 05:43:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Oct 19 05:41:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	214931	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	168949	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	59277	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	67561	21.603	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.400%			
7) Chloroethane-d5	2.879	69	41710	25.248	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.000%			
11) 1,1-Dichloroethene-d2	4.013	63	98403	15.355	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 61.440%			
21) 2-Butanone-d5	7.080	46	50020	52.553	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.100%			
24) Chloroform-d	7.647	84	152991	22.331	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 89.320%			
26) 1,2-Dichloroethane-d4	8.305	65	87916	22.468	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.880%			
32) Benzene-d6	8.275	84	285078	25.652	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.600%			
36) 1,2-Dichloropropane-d6	9.274	67	93896	25.924	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 103.680%			
41) Toluene-d8	10.323	98	223671	22.431	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.720%			
43) trans-1,3-Dichloroprop...	10.579	79	33688	22.888	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.560%			
47) 2-Hexanone-d5	10.927	63	32040	57.504	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 115.000%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	57959	21.170	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 84.680%			
66) 1,2-Dichlorobenzene-d4	13.853	152	45920	19.803	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 79.200%			
Target Compounds						Qvalue
13) Acetone	4.123	43	58304	66.722	ug/L	99
22) 2-Butanone	7.171	43	81618	74.616	ug/L	95
42) Toluene	10.390	91	115805	9.594	ug/L	100
52) Ethylbenzene	11.731	91	41507	3.171	ug/L	99
53) m,p-Xylene	11.835	106	9872	2.036	ug/L	98
54) o-Xylene	12.164	106	4560	1.018	ug/L	95
55) Styrene	12.183	104	13996	1.787	ug/L	98
60) Isopropylbenzene	12.463	105	10083m	1.159	ug/L	
65) 1,4-Dichlorobenzene	13.579	146	186967	48.017	ug/L	99

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

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