Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
Data File : VW021501.D
Acq On : 20 Dec 2021 16:24
Operator : SY/VA
Sample : VIBLK554
Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK554

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/06/2022
Supervised By :Semsettin Yesilyurt 01/07/2022

Quant Time: Dec 20 18:54:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 18 00:55:20 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	174925	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	169379	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	100067	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	45668	14.335	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 57.320%			
7) Chloroethane-d5	2.879	69	30911	14.677	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 58.720%			
11) 1,1-Dichloroethene-d2	4.013	63	73019	17.192	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 68.760%			
21) 2-Butanone-d5	7.080	46	24410	54.356	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 108.720%			
24) Chloroform-d	7.647	84	111402	22.853	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.400%			
26) 1,2-Dichloroethane-d4	8.305	65	58191	22.441	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.760%			
32) Benzene-d6	8.275	84	236508	25.474	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.880%			
36) 1,2-Dichloropropane-d6	9.275	67	64608	25.948	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 103.800%			
41) Toluene-d8	10.323	98	238278	25.119	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.480%			
43) trans-1,3-Dichloroprop...	10.579	79	27647	24.115	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.440%			
47) 2-Hexanone-d5	10.927	63	21973	59.678	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 119.360%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	51337	23.984	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 95.920%			
66) 1,2-Dichlorobenzene-d4	13.853	152	91892	23.695	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.760%			
Target Compounds						Qvalue
13) Acetone	4.135	43	1681	4.176	ug/L	77
42) Toluene	10.390	91	17390	1.611	ug/L	95
52) Ethylbenzene	11.731	91	31033	2.516	ug/L	97
53) m,p-Xylene	11.835	106	48657	9.781	ug/L	97
54) o-Xylene	12.164	106	13433	2.845	ug/L	86
60) Isopropylbenzene	12.463	105	28686m	2.110	ug/L	
62) 1,3,5-Trimethylbenzene	12.945	105	18857	1.630	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	66859	5.858	ug/L	93

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

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