Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051222\
Data File : VW023010.D
Acq On : 12 May 2022 18:42
Operator : SY/VA
Sample : N2767-10
Misc : 6.28g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BGPM5

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

Quant Time: May 13 01:14:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 13 01:10:05 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	297951	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	275274	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	118332	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	98413	16.099	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 64.400%			
7) Chloroethane-d5	2.885	69	81561	20.509	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.040%			
11) 1,1-Dichloroethene-d2	4.013	63	96920	12.271	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 49.080%			
21) 2-Butanone-d5	7.080	46	68052	58.552	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 117.100%			
24) Chloroform-d	7.646	84	192972	22.106	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 88.440%			
26) 1,2-Dichloroethane-d4	8.305	65	111009	23.186	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.760%			
32) Benzene-d6	8.274	84	333792	21.037	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 84.160%			
36) 1,2-Dichloropropane-d6	9.274	67	109828	24.642	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.560%			
41) Toluene-d8	10.323	98	301513	19.672	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 78.680%			
43) trans-1,3-Dichloroprop...	10.579	79	41092	20.024	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 80.080%			
47) 2-Hexanone-d5	10.920	63	53666	63.075	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 126.140%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	111775	26.906	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 107.640%			
66) 1,2-Dichlorobenzene-d4	13.853	152	90739	21.936	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 87.760%			
Target Compounds						Qvalue
13) Acetone	4.129	43	4586m	5.270	ug/L	
16) Methylene chloride	4.927	84	16617	3.811	ug/L	94
35) Methylcyclohexane	9.335	83	5478	0.748	ug/L	95
46) Tetrachloroethene	10.865	164	3277	0.978	ug/L	83
52) Ethylbenzene	11.731	91	410297	20.293	ug/L	99
53) m,p-Xylene	11.835	106	678790	85.204	ug/L	97
54) o-Xylene	12.164	106	263585	34.479	ug/L	98
60) Isopropylbenzene	12.463	105	7116	0.439	ug/L #	93

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

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