Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
Data File : VW021605.D
Acq On : 23 Dec 2021 11:39
Operator : SY/VA
Sample : M5174-01
Misc : 4.70g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 24 00:32:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 24 00:28:54 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
GBC12

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/24/2021
Supervised By :Mahesh Dadoda 01/02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	114834	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	80670	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	20393	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	33513	16.024	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 64.080%			
7) Chloroethane-d5	2.873	69	26418	19.108	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.440%			
11) 1,1-Dichloroethene-d2	4.013	63	39748	14.255	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 57.040%			
21) 2-Butanone-d5	7.080	46	20407	69.221	ug/L	-0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 138.440%#			
24) Chloroform-d	7.647	84	68837	21.510	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.040%			
26) 1,2-Dichloroethane-d4	8.305	65	40088	23.550	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.200%			
32) Benzene-d6	8.269	84	120521	27.256	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 109.040%			
36) 1,2-Dichloropropane-d6	9.275	67	36243	30.562	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 122.240%#			
41) Toluene-d8	10.323	98	100779	22.306	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.240%			
43) trans-1,3-Dichloroprop...	10.579	79	13570	24.852	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.400%			
47) 2-Hexanone-d5	10.921	63	16655	94.977	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 189.960%#			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	25073	24.595	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.400%			
66) 1,2-Dichlorobenzene-d4	13.847	152	14825	18.758	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 75.040%			
Target Compounds						Qvalue
13) Acetone	4.154	43	3167	11.983	ug/L	95
22) 2-Butanone	7.183	43	901	2.611	ug/L	86
29) Cyclohexane	7.958	56	845m	0.526	ug/L	
35) Methylcyclohexane	9.329	83	2719	1.336	ug/L	89
42) Toluene	10.390	91	10522	2.047	ug/L	93
46) Tetrachloroethene	10.860	164	4406	3.760	ug/L	95
52) Ethylbenzene	11.731	91	6895	1.174	ug/L	98
53) m,p-Xylene	11.835	106	5250	2.216	ug/L	86
54) o-Xylene	12.164	106	3451	1.535	ug/L	93
60) Isopropylbenzene	12.463	105	1745	0.630	ug/L	100
62) 1,3,5-Trimethylbenzene	12.945	105	6569	2.786	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	13620	5.855	ug/L	99

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

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