Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040423\
Data File : VU053554.D
Acq On : 04 Apr 2023 12:10
Operator : JC/MD
Sample : 02158-01RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-7S(20230329)RE

Quant Time: Apr 04 12:36:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 01 04:51:17 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	216925	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	200164	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	106442	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	83978	49.717	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 99.440%			
7) Chloroethane-d5	1.912	69	71573	54.957	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 109.920%			
11) 1,1-Dichloroethene-d2	2.565	63	103803	39.700	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.400%			
21) 2-Butanone-d5	4.613	46	103243	135.001	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 135.000%#			
24) Chloroform-d	5.060	84	155647	55.718	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.440%			
26) 1,2-Dichloroethane-d4	5.697	65	100873	61.110	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 122.220%			
32) Benzene-d6	5.722	84	315894	58.467	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 116.940%			
36) 1,2-Dichloropropane-d6	6.687	67	100355	60.768	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 121.540%#			
41) Toluene-d8	7.893	98	296889	55.286	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.580%			
43) trans-1,3-Dichloroprop...	8.176	79	49251	57.775	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 115.560%			
47) 2-Hexanone-d5	8.626	63	79445	140.956	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 140.960%#			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	144075	61.898	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 123.800%#			
66) 1,2-Dichlorobenzene-d4	12.188	152	122427	55.102	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.200%			
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	6031	3.597	ug/L #	73
12) 1,1-Dichloroethene	2.575	96	2061	1.548	ug/L #	1
13) Acetone	2.623	43	1742	2.535	ug/L	97
17) trans-1,2-Dichloroethene	3.353	96	8503	6.356	ug/L	91
19) 1,1-Dichloroethane	3.867	63	26711	12.054	ug/L	99
20) cis-1,2-Dichloroethene	4.661	96	79296	51.320	ug/L	88
33) Benzene	5.771	78	11145	2.137	ug/L	100
51) Chlorobenzene	9.443	112	84740	20.810	ug/L	98
64) 1,3-Dichlorobenzene	11.741	146	115851	35.231	ug/L	97
65) 1,4-Dichlorobenzene	11.832	146	627966	187.372	ug/L	97
67) 1,2-Dichlorobenzene	12.208	146	10158	3.099	ug/L	96
70) 1,2,4-trichlorobenzene	13.841	180	5215	2.310	ug/L	96

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

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