Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
Data File : VU046223.D
Acq On : 09 Dec 2021 16:36
Operator : SY/MD
Sample : M4983-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5P0

Quant Time: Dec 10 03:45:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	192370	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	198012	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	103919	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	82500	52.062	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 104.120%			
7) Chloroethane-d5	1.919	69	61197	50.298	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.600%			
11) 1,1-Dichloroethene-d2	2.572	63	111218	39.096	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.200%			
21) 2-Butanone-d5	4.642	46	128883	102.311	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.310%			
24) Chloroform-d	5.070	84	126644	47.857	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.720%			
26) 1,2-Dichloroethane-d4	5.707	65	89632	50.470	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.940%			
32) Benzene-d6	5.732	84	289112	50.942	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.880%			
36) 1,2-Dichloropropane-d6	6.694	67	88304	50.204	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.400%			
41) Toluene-d8	7.903	98	258030	49.934	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.860%			
43) trans-1,3-Dichloroprop...	8.182	79	44341	52.223	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.440%			
47) 2-Hexanone-d5	8.636	63	88223	105.788	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.790%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	135009	50.614	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.220%			
66) 1,2-Dichlorobenzene-d4	12.195	152	105439	52.685	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.380%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.584	96	8179	6.149	ug/L #	1
17) trans-1,2-Dichloroethene	3.359	96	2786	1.979	ug/L	83
19) 1,1-Dichloroethane	3.877	63	81023	31.657	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	87323	57.173	ug/L	95
25) Chloroform	5.096	83	15465	5.438	ug/L	94
30) 1,1,1-Trichloroethane	5.321	97	559804	230.314	ug/L	98
34) Trichloroethene	6.546	95	7882	4.992	ug/L	96
46) Tetrachloroethene	8.555	164	12876	11.098	ug/L	98

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

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