Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
Data File : VU046233.D
Acq On : 09 Dec 2021 20:20
Operator : SY/MD
Sample : M4983-21
Misc : 5.8mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5S2

Quant Time: Dec 10 03:46:26 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	184214	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	193429	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	105752	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	70986	46.779	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 93.560%			
7) Chloroethane-d5	1.919	69	53803	46.179	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.360%			
11) 1,1-Dichloroethene-d2	2.575	63	94191	34.577	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.160%			
21) 2-Butanone-d5	4.636	46	119026	98.670	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.670%			
24) Chloroform-d	5.070	84	120606	47.594	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.180%			
26) 1,2-Dichloroethane-d4	5.703	65	83033	48.824	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.640%			
32) Benzene-d6	5.732	84	257856	46.511	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.020%			
36) 1,2-Dichloropropane-d6	6.694	67	80061	46.596	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.200%			
41) Toluene-d8	7.899	98	229988	45.562	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.120%			
43) trans-1,3-Dichloroprop...	8.179	79	39049	47.080	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.160%			
47) 2-Hexanone-d5	8.636	63	80565	98.895	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.890%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	126609	48.589	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.180%			
66) 1,2-Dichlorobenzene-d4	12.195	152	96594	47.429	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.860%			
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	1043	0.577	ug/L #	1
8) Chloroethane	1.941	64	28119	26.868	ug/L	100
19) 1,1-Dichloroethane	3.877	63	52739	21.519	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	1476	1.009	ug/L	88
30) 1,1,1-Trichloroethane	5.321	97	20235	8.522	ug/L	98
46) Tetrachloroethene	8.555	164	1429	1.261	ug/L	83
52) Ethylbenzene	9.571	91	4133	0.611	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	21597	3.766	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	63289	11.030	ug/L	100

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

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