Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032522\
Data File : VU047678.D
Acq On : 25 Mar 2022 17:39
Operator : SY/MD
Sample : N2081-22
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5Z4

Quant Time: Mar 26 04:21:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 26 02:50:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	333832	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	347441	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	189376	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	91066	37.618	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 75.240%			
7) Chloroethane-d5	1.916	69	78154	40.943	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 81.880%			
11) 1,1-Dichloroethene-d2	2.572	63	127923	28.882	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 57.760%#			
21) 2-Butanone-d5	4.633	46	170969	82.282	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 82.280%			
24) Chloroform-d	5.067	84	177620	40.099	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.200%			
26) 1,2-Dichloroethane-d4	5.703	65	116109	42.739	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.480%			
32) Benzene-d6	5.729	84	362813	41.499	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.000%			
36) 1,2-Dichloropropane-d6	6.694	67	116414	43.358	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 86.720%			
41) Toluene-d8	7.899	98	336494	39.505	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 79.000%#			
43) trans-1,3-Dichloroprop...	8.182	79	50555	37.166	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.340%			
47) 2-Hexanone-d5	8.636	63	124463	79.187	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 79.190%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	182556	39.619	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 79.240%			
66) 1,2-Dichlorobenzene-d4	12.195	152	145960	43.322	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.640%			
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	3446	1.142	ug/L #	52
8) Chloroethane	1.938	64	3087	1.629	ug/L	95
19) 1,1-Dichloroethane	3.874	63	80992	19.013	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	4275	1.579	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	50765	12.886	ug/L	99
34) Trichloroethene	6.546	95	12435	4.716	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	14548	2.620	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	13053	1.547	ug/L	99

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

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