Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
Data File : VU047707.D
Acq On : 26 Mar 2022 14:34
Operator : SY/MD
Sample : N2081-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5X3

Quant Time: Mar 28 05:08:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 28 05:05:44 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	277655	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	283922	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	166055	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	69154	34.346	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 68.700%			
7) Chloroethane-d5	1.916	69	61219	38.560	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 77.120%			
11) 1,1-Dichloroethene-d2	2.572	63	104141	28.270	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 56.540%#			
21) 2-Butanone-d5	4.633	46	171644	99.320	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.320%			
24) Chloroform-d	5.067	84	159579	43.316	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.640%			
26) 1,2-Dichloroethane-d4	5.703	65	100722	44.577	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.160%			
32) Benzene-d6	5.729	84	304571	42.631	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.260%			
36) 1,2-Dichloropropane-d6	6.690	67	101410	46.220	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.440%			
41) Toluene-d8	7.899	98	275784	39.621	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 79.240%#			
43) trans-1,3-Dichloroprop...	8.182	79	47106	42.378	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.760%			
47) 2-Hexanone-d5	8.636	63	122891	95.679	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.680%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	169148	44.922	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.840%			
66) 1,2-Dichlorobenzene-d4	12.192	152	136037	46.047	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.100%			
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	12485	4.973	ug/L	92
8) Chloroethane	1.938	64	230841	146.463	ug/L	98
12) 1,1-Dichloroethene	2.585	96	8111	4.259	ug/L #	1
13) Acetone	2.646	43	13324	8.285	ug/L	90
17) trans-1,2-Dichloroethene	3.359	96	2485	1.210	ug/L	98
19) 1,1-Dichloroethane	3.874	63	446103	125.913	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	298669	132.616	ug/L	96
22) 2-Butanone	4.723	43	9521	4.596	ug/L #	56
30) 1,1,1-Trichloroethane	5.321	97	199664	62.019	ug/L	99
34) Trichloroethene	6.543	95	17933	8.323	ug/L	94
46) Tetrachloroethene	8.552	164	50692	26.181	ug/L	98
52) Ethylbenzene	9.571	91	27368	2.886	ug/L	98
53) m,p-Xylene	9.697	106	3888	1.045	ug/L	97
54) o-Xylene	10.102	106	14131	3.870	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	34186	7.021	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	167379	22.630	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	4638	0.929	ug/L	96

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

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