Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021022\
Data File : VU047088.D
Acq On : 10 Feb 2022 20:59
Operator : SY/MD
Sample : N1462-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F4M31

Quant Time: Feb 11 01:16:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 11 01:13:45 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	471409	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	446868	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	226657	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	219548	51.280	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 102.560%			
7) Chloroethane-d5	1.922	69	147985	46.628	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.260%			
11) 1,1-Dichloroethene-d2	2.575	63	276836	39.019	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.040%			
21) 2-Butanone-d5	4.649	46	403905	121.642	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 121.640%			
24) Chloroform-d	5.070	84	312085	44.901	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.800%			
26) 1,2-Dichloroethane-d4	5.703	65	212070	47.537	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.080%			
32) Benzene-d6	5.732	84	687271	46.261	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.520%			
36) 1,2-Dichloropropane-d6	6.694	67	226506	47.014	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.020%			
41) Toluene-d8	7.899	98	655879	46.368	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.740%			
43) trans-1,3-Dichloroprop...	8.179	79	118038	46.751	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.500%			
47) 2-Hexanone-d5	8.636	63	294197	106.588	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 106.590%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	332515	47.333	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.660%			
66) 1,2-Dichlorobenzene-d4	12.192	152	254627	47.368	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.740%			
Target Compounds						Qvalue
5) Vinyl chloride	1.610	62	3519556	803.525	ug/L	99
8) Chloroethane	1.941	64	9354	3.704	ug/L	94
12) 1,1-Dichloroethene	2.588	96	44368	14.473	ug/L #	5
13) Acetone	2.674	43	6196	2.562	ug/L	91
17) trans-1,2-Dichloroethene	3.362	96	61667	19.147	ug/L	94
18) Methyl tert-butyl Ether	3.366	73	16039	1.473	ug/L	98
20) cis-1,2-Dichloroethene	4.674	96	12725145	3572.039	ug/L #	93
33) Benzene	5.777	78	19228	1.380	ug/L	100
34) Trichloroethene	6.546	95	802421	221.633	ug/L	99
42) Toluene	7.970	91	44244	2.890	ug/L	100
46) Tetrachloroethene	8.555	164	338571	116.249	ug/L	96
51) Chlorobenzene	9.446	112	5663	0.577	ug/L #	86
53) m,p-Xylene	9.697	106	5495	0.827	ug/L	93

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

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