Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
Data File : VU048043.D
Acq On : 14 Apr 2022 09:22
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD050081

Quant Time: Apr 15 02:16:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 14 06:53:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	323910	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	339919	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	205195	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	105836	45.058	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.120%			
7) Chloroethane-d5	1.916	69	96133	51.905	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.820%			
11) 1,1-Dichloroethene-d2	2.572	63	197533	45.965	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.920%			
21) 2-Butanone-d5	4.620	46	191100	94.787	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.790%			
24) Chloroform-d	5.067	84	221654	51.573	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.140%			
26) 1,2-Dichloroethane-d4	5.703	65	135823	51.527	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.060%			
32) Benzene-d6	5.729	84	436638	51.049	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.100%			
36) 1,2-Dichloropropane-d6	6.694	67	139711	53.187	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.380%			
41) Toluene-d8	7.899	98	408022	48.962	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.920%			
43) trans-1,3-Dichloroprop...	8.179	79	57391	43.126	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 86.260%			
47) 2-Hexanone-d5	8.632	63	143416	93.265	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.260%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	225932	50.118	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.240%			
66) 1,2-Dichlorobenzene-d4	12.195	152	173535	47.536	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	144565	48.141	ug/L	99
3) Chloromethane	1.523	50	142535	49.632	ug/L	98
5) Vinyl chloride	1.607	62	154368	52.704	ug/L	99
6) Bromomethane	1.858	94	70734	44.869	ug/L	98
8) Chloroethane	1.935	64	95106	51.725	ug/L	97
9) Trichlorofluoromethane	2.141	101	204976	49.628	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	123231	51.617	ug/L	98
12) 1,1-Dichloroethene	2.584	96	113543	51.102	ug/L	83
13) Acetone	2.623	43	130733	69.681	ug/L	99
14) Carbon disulfide	2.797	76	308889	43.981	ug/L	99
15) Methyl Acetate	2.948	43	152607	51.010	ug/L	98
16) Methylene chloride	3.051	84	146348	57.399	ug/L	99
17) trans-1,2-Dichloroethene	3.356	96	120405	50.241	ug/L	99
18) Methyl tert-butyl Ether	3.366	73	360851	53.372	ug/L	99
19) 1,1-Dichloroethane	3.874	63	229405	55.503	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	140212	53.367	ug/L	98
22) 2-Butanone	4.700	43	209983	86.884	ug/L	97
23) Bromochloromethane	4.977	128	79538	55.138	ug/L	98
25) Chloroform	5.092	83	246298	55.349	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	182636	53.124	ug/L	98
29) Cyclohexane	5.391	56	171597	49.749	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	200662	52.061	ug/L	99
31) Carbon tetrachloride	5.526	117	173256	49.780	ug/L	100
33) Benzene	5.777	78	534606	54.335	ug/L	100
34) Trichloroethene	6.546	95	134181	52.018	ug/L	98
35) Methylcyclohexane	6.764	83	183683	46.807	ug/L	97
37) 1,2-Dichloropropane	6.793	63	142056	56.794	ug/L	100
38) Bromodichloromethane	7.108	83	182840	53.232	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	185804	47.875	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	393530	99.548	ug/L	97
42) Toluene	7.970	91	580880	53.806	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	184070	47.502	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	146117	55.082	ug/L	99
46) Tetrachloroethene	8.555	164	115785	49.949	ug/L	98
48) 2-Hexanone	8.684	43	311845	91.707	ug/L	99
49) Dibromochloromethane	8.812	129	157896	51.391	ug/L	100
50) 1,2-Dibromoethane	8.925	107	155979	52.449	ug/L	99
51) Chlorobenzene	9.449	112	385829	52.635	ug/L	99
52) Ethylbenzene	9.571	91	591615	52.118	ug/L	99
53) m,p-Xylene	9.697	106	237635	53.353	ug/L	99
54) o-Xylene	10.102	106	230288	52.679	ug/L	98
55) Styrene	10.115	104	404601	54.210	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	259454	52.171	ug/L	99
59) Bromoform	10.291	173	128295	48.895	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	199287	51.518	ug/L	99
61) Isopropylbenzene	10.484	105	583872	52.650	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	297885	49.507	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	469920	51.415	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	314486	51.020	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	317826	49.780	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	318703	51.674	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	57205	46.167	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	236969	47.337	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	206928	47.192	ug/L	100
71) Naphthalene	14.089	128	604762	46.261	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	217607	49.505	ug/L	99

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

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