

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050322\
 Data File : VU048382.D
 Acq On : 03 May 2022 09:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050111

Quant Time: May 04 01:34:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 03 04:11:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	436509	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	441890	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	246759	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	220571	54.950	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 109.900%			
7) Chloroethane-d5	1.903	69	139637	49.559	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.120%			
11) 1,1-Dichloroethene-d2	2.565	63	330523	51.391	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.780%			
21) 2-Butanone-d5	4.629	46	305170	89.138	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.140%			
24) Chloroform-d	5.066	84	364028	49.999	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.000%			
26) 1,2-Dichloroethane-d4	5.703	65	216289	50.068	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.140%			
32) Benzene-d6	5.729	84	757216	54.333	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.660%			
36) 1,2-Dichloropropane-d6	6.693	67	235914	51.202	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.400%			
41) Toluene-d8	7.899	98	710850	56.271	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.540%			
43) trans-1,3-Dichloroprop...	8.182	79	108619	53.426	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.860%			
47) 2-Hexanone-d5	8.639	63	230675	92.795	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.800%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	375071	46.416	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.840%			
66) 1,2-Dichlorobenzene-d4	12.195	152	282644	50.918	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	140482	42.591	ug/L	99
3) Chloromethane	1.523	50	146999	38.938	ug/L	99
5) Vinyl chloride	1.604	62	162673	42.759	ug/L	95
6) Bromomethane	1.854	94	80452	46.014	ug/L	99
8) Chloroethane	1.922	64	96577	44.896	ug/L	97
9) Trichlorofluoromethane	2.131	101	238964	48.199	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	157845	48.002	ug/L	100
12) 1,1-Dichloroethene	2.578	96	131126	45.684	ug/L	86
13) Acetone	2.636	43	254058	115.593	ug/L	99
14) Carbon disulfide	2.793	76	262896	37.581	ug/L	100
15) Methyl Acetate	2.951	43	191612	43.918	ug/L	98
16) Methylene chloride	3.047	84	176554	47.711	ug/L	96
17) trans-1,2-Dichloroethene	3.353	96	140432	47.096	ug/L	96
18) Methyl tert-butyl Ether	3.366	73	508230	51.658	ug/L	99
19) 1,1-Dichloroethane	3.870	63	294559	47.240	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	179275	49.878	ug/L	94
22) 2-Butanone	4.710	43	327678	100.822	ug/L	96
23) Bromochloromethane	4.976	128	98354	49.013	ug/L	95
25) Chloroform	5.089	83	319827	50.230	ug/L	99

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27) 1,2-Dichloroethane	5.796	62	227116	48.902	ug/L	100
29) Cyclohexane	5.391	56	196418	47.045	ug/L	97
30) 1,1,1-Trichloroethane	5.317	97	257755	51.581	ug/L	100
31) Carbon tetrachloride	5.526	117	219263	51.481	ug/L	100
33) Benzene	5.774	78	661222	50.540	ug/L	100
34) Trichloroethene	6.542	95	163185	50.887	ug/L	98
35) Methylcyclohexane	6.764	83	226129	50.226	ug/L	97
37) 1,2-Dichloropropane	6.793	63	187902	50.479	ug/L	100
38) Bromodichloromethane	7.108	83	239863	51.025	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	271806	51.928	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	563082	100.294	ug/L	99
42) Toluene	7.970	91	719767	52.400	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	263515	51.533	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	198085	50.721	ug/L	98
46) Tetrachloroethene	8.555	164	140480	51.042	ug/L	99
48) 2-Hexanone	8.690	43	468844	100.002	ug/L	98
49) Dibromochloromethane	8.812	129	215044	50.109	ug/L	100
50) 1,2-Dibromoethane	8.925	107	201556	50.892	ug/L	98
51) Chlorobenzene	9.449	112	495083	50.003	ug/L	99
52) Ethylbenzene	9.571	91	751445	52.824	ug/L	100
53) m,p-Xylene	9.697	106	303107	53.995	ug/L	99
54) o-Xylene	10.102	106	308238	54.505	ug/L	98
55) Styrene	10.118	104	525031	54.497	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	372933	48.384	ug/L	99
59) Bromoform	10.295	173	179114	50.016	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	280113	48.660	ug/L	99
61) Isopropylbenzene	10.488	105	781141	56.617	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	413772	56.900	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	649041	58.053	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	403869	52.212	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	403401	51.084	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	419568	51.490	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	74209	48.290	ug/L	91
69) 1,3,5-Trichlorobenzene	13.220	180	310948	54.099	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	254384	56.021	ug/L	99
71) Naphthalene	14.089	128	768603	59.146	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	270445	58.115	ug/L	99

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

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