

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U061022\
 Data File : U048998.D
 Acq On : 10 Jun 2022 15:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050145

Quant Time: Jun 10 22:37:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 10 22:34:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	318676	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	308440	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	167339	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	99934	50.904	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.800%			
7) Chloroethane-d5	1.896	69	72647	50.398	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.800%			
11) 1,1-Dichloroethene-d2	2.562	63	185125	49.974	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.940%			
21) 2-Butanone-d5	4.620	46	227882	105.872	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.870%			
24) Chloroform-d	5.063	84	207110	49.453	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.900%			
26) 1,2-Dichloroethane-d4	5.700	65	139016	51.236	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.480%			
32) Benzene-d6	5.726	84	385262	50.372	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.740%			
36) 1,2-Dichloropropane-d6	6.690	67	129593	50.403	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.800%			
41) Toluene-d8	7.896	98	351312	52.084	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.160%			
43) trans-1,3-Dichloroprop...	8.179	79	63704	52.665	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 105.320%			
47) 2-Hexanone-d5	8.632	63	147590	109.677	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 109.680%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	221881	51.668	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.340%			
66) 1,2-Dichlorobenzene-d4	12.195	152	145932	50.121	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	133901	47.614	ug/L	99
3) Chloromethane	1.523	50	139966	47.218	ug/L	98
5) Vinyl chloride	1.604	62	130680	46.504	ug/L	99
6) Bromomethane	1.832	94	70763	45.525	ug/L	100
8) Chloroethane	1.919	64	69892	44.532	ug/L	98
9) Trichlorofluoromethane	2.131	101	182916	46.250	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	104686	46.630	ug/L	99
12) 1,1-Dichloroethene	2.575	96	93538	47.598	ug/L	96
13) Acetone	2.623	43	155360	91.726	ug/L	100
14) Carbon disulfide	2.787	76	231447	46.314	ug/L	99
15) Methyl Acetate	2.945	43	164748	49.042	ug/L	99
16) Methylene chloride	3.041	84	118680	46.375	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	101280	46.872	ug/L	98
18) Methyl tert-butyl Ether	3.363	73	391435	48.425	ug/L	99
19) 1,1-Dichloroethane	3.867	63	216046	46.412	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	123283	46.897	ug/L	99
22) 2-Butanone	4.697	43	254976	97.961	ug/L	100
23) Bromochloromethane	4.973	128	64525	46.767	ug/L	98
25) Chloroform	5.086	83	228640	47.130	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	183525	46.472	ug/L	100
29) Cyclohexane	5.388	56	164603	47.686	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	203468	47.302	ug/L	99
31) Carbon tetrachloride	5.523	117	174429	46.367	ug/L	100
33) Benzene	5.774	78	469119	46.946	ug/L	100
34) Trichloroethene	6.543	95	118318	46.973	ug/L	98
35) Methylcyclohexane	6.761	83	170324	48.444	ug/L	99
37) 1,2-Dichloropropane	6.790	63	133615	47.417	ug/L	99
38) Bromodichloromethane	7.105	83	178762	47.782	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	201848	48.681	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	478029	100.692	ug/L	100
42) Toluene	7.967	91	502217	48.625	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	203608	49.591	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	130450	47.775	ug/L	98
46) Tetrachloroethene	8.552	164	92993	47.620	ug/L	98
48) 2-Hexanone	8.684	43	393134	101.862	ug/L	100
49) Dibromochloromethane	8.809	129	147026	48.361	ug/L	98
50) 1,2-Dibromoethane	8.922	107	142012	49.438	ug/L	97
51) Chlorobenzene	9.446	112	329448	47.186	ug/L	98
52) Ethylbenzene	9.568	91	545807	48.603	ug/L	99
53) m,p-Xylene	9.694	106	215911	48.960	ug/L	97
54) o-Xylene	10.099	106	220217	49.564	ug/L	97
55) Styrene	10.115	104	371806	50.110	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	249300	48.993	ug/L	100
59) Bromoform	10.292	173	117165	47.444	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	204885	48.270	ug/L	98
61) Isopropylbenzene	10.484	105	563831	49.604	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	484244	49.900	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	388739	50.315	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	267633	47.999	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	261641	46.346	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	276906	47.854	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	65500	46.754	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	187785	47.143	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	157789	46.845	ug/L	98
71) Naphthalene	14.086	128	577245	48.439	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	173258	48.628	ug/L	98

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

