

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
 Data File : VU048973.D
 Acq On : 09 Jun 2022 11:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050142

Quant Time: Jun 10 00:58:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 26 06:51:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	350091	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	327450	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	169948	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	123196	57.453	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 114.900%	
7) Chloroethane-d5	1.906	69	93873	58.434	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 116.860%	
11) 1,1-Dichloroethene-d2	2.568	63	230224	47.475	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 94.940%	
21) 2-Butanone-d5	4.623	46	258570	126.715	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 126.720%	
24) Chloroform-d	5.063	84	261399	48.241	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 96.480%	
26) 1,2-Dichloroethane-d4	5.703	65	162047	42.390	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 84.780%	
32) Benzene-d6	5.729	84	496819	54.517	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 109.040%	
36) 1,2-Dichloropropane-d6	6.690	67	165779	61.965	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 123.940%#	
41) Toluene-d8	7.899	98	470865	54.931	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 109.860%	
43) trans-1,3-Dichloroprop...	8.182	79	82661	48.318	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 96.640%	
47) 2-Hexanone-d5	8.632	63	179821	122.561	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 122.560%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	247997	56.019	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 112.040%	
66) 1,2-Dichlorobenzene-d4	12.195	152	177680	51.142	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 102.280%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	156036	41.474	ug/L	99
3) Chloromethane	1.523	50	148760	64.083	ug/L	97
5) Vinyl chloride	1.604	62	150166	60.811	ug/L	99
6) Bromomethane	1.851	94	86508	48.526	ug/L	99
8) Chloroethane	1.929	64	87283	60.051	ug/L	99
9) Trichlorofluoromethane	2.138	101	211288	43.829	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	120574	49.050	ug/L	97
12) 1,1-Dichloroethene	2.578	96	107867	47.356	ug/L	95
13) Acetone	2.626	43	202951	122.421	ug/L	94
14) Carbon disulfide	2.793	76	297354	44.985	ug/L	98
15) Methyl Acetate	2.948	43	169508	59.910	ug/L	96
16) Methylene chloride	3.044	84	134291	50.642	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	117385	47.781	ug/L	98
18) Methyl tert-butyl Ether	3.363	73	428197	50.237	ug/L	96
19) 1,1-Dichloroethane	3.871	63	233569	51.930	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	139118	50.213	ug/L	98
22) 2-Butanone	4.703	43	265254	126.014	ug/L	96
23) Bromochloromethane	4.977	128	70600	45.922	ug/L	94
25) Chloroform	5.089	83	245260	46.717	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	188516	41.859	ug/L #	95
29) Cyclohexane	5.388	56	191020	56.796	ug/L	94
30) 1,1,1-Trichloroethane	5.317	97	218237	44.017	ug/L	99
31) Carbon tetrachloride	5.523	117	191552	42.392	ug/L	99
33) Benzene	5.774	78	525798	54.962	ug/L	100
34) Trichloroethene	6.543	95	131373	48.538	ug/L	99
35) Methylcyclohexane	6.764	83	203786	52.468	ug/L	96
37) 1,2-Dichloropropane	6.793	63	143613	60.037	ug/L	98
38) Bromodichloromethane	7.105	83	183157	47.324	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	216700	53.059	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	455251	124.711	ug/L	97
42) Toluene	7.970	91	543257	52.100	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	208168	48.332	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	138058	53.894	ug/L	97
46) Tetrachloroethene	8.555	164	97906	44.329	ug/L	96
48) 2-Hexanone	8.684	43	369067	117.999	ug/L	99
49) Dibromochloromethane	8.809	129	153253	46.533	ug/L	96
50) 1,2-Dibromoethane	8.925	107	147624	49.934	ug/L	96
51) Chlorobenzene	9.449	112	342869	47.146	ug/L	99
52) Ethylbenzene	9.571	91	576240	48.358	ug/L	99
53) m,p-Xylene	9.694	106	226986	47.400	ug/L	100
54) o-Xylene	10.102	106	227368	49.561	ug/L	100
55) Styrene	10.115	104	387024	48.521	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	237879	53.730	ug/L	98
59) Bromoform	10.292	173	118093	50.551	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	195630	58.042	ug/L	98
61) Isopropylbenzene	10.484	105	609048	58.191	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	336844	56.610	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	505068	54.586	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	260470	48.258	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	257307	45.940	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	267384	48.705	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	64814	49.736	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	193101	44.886	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	170737	43.880	ug/L	97
71) Naphthalene	14.086	128	638803	49.790	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	187587	48.018	ug/L	99

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

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