

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102122\
 Data File : VU051479.D
 Acq On : 21 Oct 2022 10:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050114

Quant Time: Oct 25 10:06:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 20 21:53:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	507592	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	510045	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	270001	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	163357	40.559	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.120%		
7) Chloroethane-d5	1.896	69	135739	40.909	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.820%		
11) 1,1-Dichloroethene-d2	2.565	63	292594	42.676	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.360%		
21) 2-Butanone-d5	4.617	46	255895	90.131	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.130%		
24) Chloroform-d	5.060	84	327882	44.322	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.640%		
26) 1,2-Dichloroethane-d4	5.700	65	201752	43.868	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.740%		
32) Benzene-d6	5.723	84	648516	46.952	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.900%		
36) 1,2-Dichloropropane-d6	6.687	67	208908	46.057	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.120%		
41) Toluene-d8	7.896	98	609415	48.405	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.820%		
43) trans-1,3-Dichloroprop...	8.176	79	93114	48.211	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.420%		
47) 2-Hexanone-d5	8.632	63	184998	92.860	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.860%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	358149	45.453	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.900%		
66) 1,2-Dichlorobenzene-d4	12.192	152	232595	46.018	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.040%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	197489	44.518	ug/L	99
3) Chloromethane	1.523	50	258569	45.603	ug/L	98
5) Vinyl chloride	1.601	62	250463	44.633	ug/L	100
6) Bromomethane	1.832	94	158714	54.416	ug/L	100
8) Chloroethane	1.919	64	148664	44.330	ug/L	100
9) Trichlorofluoromethane	2.131	101	288801	44.484	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	177012	44.608	ug/L	100
12) 1,1-Dichloroethene	2.575	96	169922	45.171	ug/L	96
13) Acetone	2.620	43	360813	111.529	ug/L	98
14) Carbon disulfide	2.790	76	540762	44.135	ug/L	100
15) Methyl Acetate	2.941	43	227107	46.419	ug/L	99
16) Methylene chloride	3.041	84	230425	46.666	ug/L	100
17) trans-1,2-Dichloroethene	3.350	96	180017	46.531	ug/L	99
18) Methyl tert-butyl Ether	3.359	73	540823	48.886	ug/L	100
19) 1,1-Dichloroethane	3.864	63	354535	46.461	ug/L	99
20) cis-1,2-Dichloroethene	4.662	96	202824	48.053	ug/L	97
22) 2-Butanone	4.694	43	401649	106.975	ug/L	99
23) Bromochloromethane	4.970	128	111825	47.221	ug/L	98
25) Chloroform	5.086	83	369837	47.011	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	288538	47.235	ug/L	97
29) Cyclohexane	5.385	56	269206	50.237	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	282222	46.651	ug/L	99
31) Carbon tetrachloride	5.520	117	235820	46.168	ug/L	100
33) Benzene	5.771	78	838170	50.269	ug/L	100
34) Trichloroethene	6.539	95	190637	47.381	ug/L	98
35) Methylcyclohexane	6.761	83	285382	49.582	ug/L	99
37) 1,2-Dichloropropane	6.790	63	222861	48.739	ug/L	100
38) Bromodichloromethane	7.105	83	271485	46.640	ug/L	99
39) cis-1,3-Dichloropropene	7.604	75	298627	49.536	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	622697	101.920	ug/L	99
42) Toluene	7.967	91	886703	51.822	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	291610	49.705	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	217959	47.760	ug/L	99
46) Tetrachloroethene	8.552	164	144756	48.199	ug/L	98
48) 2-Hexanone	8.684	43	578181	110.745	ug/L	100
49) Dibromochloromethane	8.809	129	220452	47.196	ug/L	99
50) 1,2-Dibromoethane	8.922	107	225679	48.258	ug/L	100
51) Chlorobenzene	9.446	112	545067	48.646	ug/L	99
52) Ethylbenzene	9.568	91	879116	50.950	ug/L	100
53) m,p-Xylene	9.693	106	355318	53.425	ug/L	97
54) o-Xylene	10.099	106	347535	52.680	ug/L	100
55) Styrene	10.115	104	627778	54.761	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	415793	47.748	ug/L	98
59) Bromoform	10.288	173	168297	44.754	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	322081	46.031	ug/L	99
61) Isopropylbenzene	10.484	105	861317	50.798	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	754148	52.359	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	761299	53.678	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	424940	49.097	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	427243	48.000	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	434065	48.145	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	83978	44.468	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	280514	48.314	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	212113	47.451	ug/L	99
71) Naphthalene	14.086	128	699764	48.910	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	241310	50.289	ug/L	99

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

