

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112122\
 Data File : VU051998.D
 Acq On : 21 Nov 2022 15:33
 Operator : JC/MD
 Sample : VSTD10058
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100058

Quant Time: Nov 22 00:39:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 22 00:38:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	470957	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	469901	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	254785	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	398178	103.079	ug/L	0.00
7) Chloroethane-d5	1.900	69	327937	103.577	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	594029	93.028	ug/L	0.00
21) 2-Butanone-d5	4.616	46	534995	204.464	ug/L	0.00
24) Chloroform-d	5.060	84	682226	98.800	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	407749	95.920	ug/L	0.00
32) Benzene-d6	5.723	84	1452120	111.025	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	459035	107.452	ug/L	0.00
41) Toluene-d8	7.893	98	1343308	113.703	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	204250	113.338	ug/L	0.00
47) 2-Hexanone-d5	8.629	63	420520	229.803	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	742852	102.256	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.188	152	516192	106.038	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	237606	61.533	ug/L	99
3) Chloromethane	1.527	50	332726	65.761	ug/L	100
5) Vinyl chloride	1.604	62	348825	69.554	ug/L	98
6) Bromomethane	1.835	94	187433	72.032	ug/L	99
8) Chloroethane	1.922	64	230465	76.051	ug/L	100
9) Trichlorofluoromethane	2.131	101	419128	72.202	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	274976	76.611	ug/L	99
12) 1,1-Dichloroethene	2.578	96	259911	76.443	ug/L	95
13) Acetone	2.623	43	475260	165.345	ug/L	100
14) Carbon disulfide	2.790	76	663723	62.210	ug/L	99
15) Methyl Acetate	2.945	43	357842	81.168	ug/L	100
16) Methylene chloride	3.044	84	374480	82.620	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	285865	81.395	ug/L	99
18) Methyl tert-butyl Ether	3.359	73	980660	95.585	ug/L	100
19) 1,1-Dichloroethane	3.864	63	585372	83.779	ug/L	99
20) cis-1,2-Dichloroethene	4.661	96	358605	91.897	ug/L	97
22) 2-Butanone	4.694	43	608901	179.823	ug/L	99
23) Bromochloromethane	4.970	128	184590	84.766	ug/L	98
25) Chloroform	5.083	83	607923	84.302	ug/L	98
27) 1,2-Dichloroethane	5.790	62	452167	81.602	ug/L	100
29) Cyclohexane	5.385	56	429069	89.260	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	453882	82.421	ug/L	99
31) Carbon tetrachloride	5.523	117	368774	79.779	ug/L	99
33) Benzene	5.771	78	1383300	90.688	ug/L	100
34) Trichloroethene	6.539	95	317624	86.580	ug/L	99
35) Methylcyclohexane	6.758	83	469126	90.626	ug/L	99
37) 1,2-Dichloropropane	6.787	63	380196	90.596	ug/L	100
38) Bromodichloromethane	7.102	83	472045	88.374	ug/L	98
39) cis-1,3-Dichloropropene	7.603	75	556137	100.011	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	1073797	193.678	ug/L	99
42) Toluene	7.967	91	1489689	95.201	ug/L	98
44) trans-1,3-Dichloropropene	8.205	75	520627	97.163	ug/L	99

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45) 1,1,2-Trichloroethane	8.394	97	380595	90.829	ug/L	98
46) Tetrachloroethene	8.549	164	239436	87.950	ug/L	99
48) 2-Hexanone	8.681	43	914612	195.677	ug/L	99
49) Dibromochloromethane	8.806	129	392029	91.266	ug/L	99
50) 1,2-Dibromoethane	8.919	107	387366	90.223	ug/L	97
51) Chlorobenzene	9.443	112	958239	93.011	ug/L	100
52) Ethylbenzene	9.565	91	1580416	99.966	ug/L	99
53) m,p-Xylene	9.690	106	623268	102.604	ug/L	99
54) o-Xylene	10.095	106	630992	103.695	ug/L	98
55) Styrene	10.111	104	1115566	106.661	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	717508	90.248	ug/L	100
59) Bromoform	10.288	173	306030	85.783	ug/L	98
60) 1,2,3-Trichloropropane	10.819	75	540544	82.240	ug/L	100
61) Isopropylbenzene	10.481	105	1574745	97.359	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	1349173	99.505	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	1346670	101.406	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	762276	93.330	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	759724	90.789	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	788149	92.327	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.992	75	138369	78.686	ug/L	95
69) 1,3,5-Trichlorobenzene	13.214	180	528923	96.997	ug/L	98
70) 1,2,4-trichlorobenzene	13.835	180	448554	105.741	ug/L	99
71) Naphthalene	14.082	128	1565614	114.344	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	480928	106.145	ug/L	100

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

