

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112122\
 Data File : VU051999.D
 Acq On : 21 Nov 2022 15:58
 Operator : JC/MD
 Sample : VSTD20059
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200059

Quant Time: Nov 22 00:40:22 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	499761	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	504805	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	279480	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	826158	201.547	ug/L	0.00
7) Chloroethane-d5	1.893	69	645916	192.251	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.562	63	1241111	183.163	ug/L	0.00
21) 2-Butanone-d5	4.616	46	1158636	417.285	ug/L	0.00
24) Chloroform-d	5.060	84	1396296	190.558	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	829062	183.790	ug/L	0.00
32) Benzene-d6	5.726	84	3006514	213.976	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	972125	211.824	ug/L	0.00
41) Toluene-d8	7.896	98	2777760	218.863	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	451646	233.288	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	947370	481.917	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	1593214	204.148	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	1123714	210.440	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	511344	124.791	ug/L	100
3) Chloromethane	1.523	50	699079	130.205	ug/L	99
5) Vinyl chloride	1.604	62	756956	142.234	ug/L	99
6) Bromomethane	1.832	94	328507	118.971	ug/L	98
8) Chloroethane	1.916	64	478904	148.925	ug/L	100
9) Trichlorofluoromethane	2.128	101	889165	144.345	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	568501	149.260	ug/L	99
12) 1,1-Dichloroethene	2.575	96	565406	156.708	ug/L	99
13) Acetone	2.623	43	916776	300.568	ug/L	99
14) Carbon disulfide	2.790	76	1453438	128.377	ug/L	99
15) Methyl Acetate	2.944	43	753918	161.152	ug/L	99
16) Methylene chloride	3.041	84	778312	161.819	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	611728	164.140	ug/L	99
18) Methyl tert-butyl Ether	3.362	73	2171873	199.492	ug/L	100
19) 1,1-Dichloroethane	3.864	63	1254126	169.147	ug/L	99
20) cis-1,2-Dichloroethene	4.661	96	775730	187.332	ug/L	96
22) 2-Butanone	4.697	43	1282311	356.871	ug/L	99
23) Bromochloromethane	4.970	128	407808	176.477	ug/L	98
25) Chloroform	5.083	83	1298216	169.651	ug/L	98
27) 1,2-Dichloroethane	5.790	62	972373	165.368	ug/L	99
29) Cyclohexane	5.385	56	960647	186.027	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	996027	168.364	ug/L	99
31) Carbon tetrachloride	5.520	117	811729	163.465	ug/L	99
33) Benzene	5.771	78	2971901	181.364	ug/L	100
34) Trichloroethene	6.539	95	695631	176.508	ug/L	99
35) Methylcyclohexane	6.761	83	1040404	187.090	ug/L	98
37) 1,2-Dichloropropane	6.787	63	834300	185.057	ug/L	100
38) Bromodichloromethane	7.102	83	1047362	182.524	ug/L	97
39) cis-1,3-Dichloropropene	7.603	75	1283244	214.811	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	2452638	411.788	ug/L	99
42) Toluene	7.967	91	3215617	191.290	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	1204140	209.187	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112122\
 Data File : VU051999.D
 Acq On : 21 Nov 2022 15:58
 Operator : JC/MD
 Sample : VSTD20059
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200059

Quant Time: Nov 22 00:40:22 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)
45) 1,1,2-Trichloroethane	8.398	97	838926	186.366	ug/L	99
46) Tetrachloroethene	8.552	164	517823	177.056	ug/L	99
48) 2-Hexanone	8.684	43	1993671	397.044	ug/L	98
49) Dibromochloromethane	8.809	129	900485	195.142	ug/L	99
50) 1,2-Dibromoethane	8.922	107	873321	189.345	ug/L	98
51) Chlorobenzene	9.443	112	2129580	192.414	ug/L	99
52) Ethylbenzene	9.568	91	3545685	208.768	ug/L	98
53) m,p-Xylene	9.690	106	1381818	211.749	ug/L	99
54) o-Xylene	10.098	106	1431811	219.030	ug/L	99
55) Styrene	10.111	104	2525727	224.792	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	1594229	186.658	ug/L	100
59) Bromoform	10.288	173	716692	183.144	ug/L	99
60) 1,2,3-Trichloropropane	10.819	75	1190372	165.104	ug/L	100
61) Isopropylbenzene	10.481	105	3586014	202.116	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	3152643	211.970	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	3131333	214.958	ug/L	99
64) 1,3-Dichlorobenzene	11.741	146	1717962	191.754	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	1724635	187.886	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	1775598	189.621	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	324484	168.219	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	1213898	202.942	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	1065061	228.890	ug/L	99
71) Naphthalene	14.082	128	3711061	247.087	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	1112159	223.775	ug/L	100

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

