

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
 Data File : VU048996.D
 Acq On : 10 Jun 2022 14:18
 Operator : SY/MD
 Sample : VSTD20078
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200078

Quant Time: Jun 10 22:28:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 10 22:26:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	320906	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	322611	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	194941	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	395643	198.702	ug/L	0.00
7) Chloroethane-d5	1.887	69	282863	192.759	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.562	63	730955	169.728	ug/L	0.00
21) 2-Butanone-d5	4.616	46	902055	471.236	ug/L	0.00
24) Chloroform-d	5.060	84	831542	171.857	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	547212	162.953	ug/L	0.00
32) Benzene-d6	5.726	84	1552760	175.934	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	525770	196.708	ug/L	0.00
41) Toluene-d8	7.896	98	1429747	175.298	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	266203	165.988	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	672805	472.746	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	944181	214.720	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	668307	171.063	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	542286	165.148	ug/L	99
3) Chloromethane	1.520	50	558525	247.203	ug/L	99
5) Vinyl chloride	1.600	62	530371	225.732	ug/L	100
6) Bromomethane	1.829	94	294634	185.697	ug/L	100
8) Chloroethane	1.909	64	289165	212.963	ug/L	97
9) Trichlorofluoromethane	2.125	101	740624	173.703	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	414649	187.890	ug/L	99
12) 1,1-Dichloroethene	2.571	96	377667	184.701	ug/L	98
13) Acetone	2.623	43	598333	396.298	ug/L	99
14) Carbon disulfide	2.784	76	929699	160.168	ug/L	100
15) Methyl Acetate	2.941	43	633609	233.558	ug/L	99
16) Methylene chloride	3.038	84	470327	193.769	ug/L	98
17) trans-1,2-Dichloroethene	3.346	96	405099	182.935	ug/L	98
18) Methyl tert-butyl Ether	3.359	73	1568977	201.929	ug/L	99
19) 1,1-Dichloroethane	3.864	63	868821	208.537	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	504690	200.091	ug/L	99
22) 2-Butanone	4.697	43	1010002	497.540	ug/L	99
23) Bromochloromethane	4.970	128	260634	187.752	ug/L	99
25) Chloroform	5.086	83	909226	190.504	ug/L	99
27) 1,2-Dichloroethane	5.790	62	737626	183.602	ug/L	99
29) Cyclohexane	5.385	56	690017	208.252	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	821618	173.656	ug/L	99
31) Carbon tetrachloride	5.523	117	719670	168.714	ug/L	100
33) Benzene	5.771	78	1886174	198.843	ug/L	100
34) Trichloroethene	6.539	95	485564	185.621	ug/L	99
35) Methylcyclohexane	6.761	83	728721	194.822	ug/L	99
37) 1,2-Dichloropropane	6.790	63	529450	217.970	ug/L	100
38) Bromodichloromethane	7.105	83	726034	193.217	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	874173	218.569	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	2003269	528.348	ug/L	98
42) Toluene	7.970	91	2064789	203.351	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	860723	207.762	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
 Data File : VU048996.D
 Acq On : 10 Jun 2022 14:18
 Operator : SY/MD
 Sample : VSTD20078
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200078

Quant Time: Jun 10 22:28:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 10 22:26:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	522850	206.374	ug/L	99
46) Tetrachloroethene	8.552	164	374266	179.557	ug/L	98
48) 2-Hexanone	8.687	43	1662018	521.837	ug/L	100
49) Dibromochloromethane	8.809	129	615439	194.643	ug/L	98
50) 1,2-Dibromoethane	8.925	107	565702	196.866	ug/L	98
51) Chlorobenzene	9.446	112	1381260	194.979	ug/L	99
52) Ethylbenzene	9.571	91	2349206	202.801	ug/L	98
53) m,p-Xylene	9.693	106	935169	201.407	ug/L	98
54) o-Xylene	10.102	106	945626	211.420	ug/L	98
55) Styrene	10.115	104	1640490	212.219	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	1055899	237.306	ug/L	98
59) Bromoform	10.291	173	528156	197.530	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	859529	216.118	ug/L	99
61) Isopropylbenzene	10.484	105	2425333	200.389	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	2232608	292.180	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	1819867	180.645	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	1220634	199.005	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	1217239	191.388	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	1234146	195.104	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	299398	200.114	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	900720	187.416	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	788421	183.597	ug/L	98
71) Naphthalene	14.085	128	2819506	196.536	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	801267	183.790	ug/L	99

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

