

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010522\
 Data File : VU046661.D
 Acq On : 05 Jan 2022 13:05
 Operator : SY/MD
 Sample : VSTD10040
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100040

Quant Time: Jan 06 02:21:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 06 02:19:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	188891	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.421	117	181395	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	102304	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	155712	99.628	ug/L	0.00
7) Chloroethane-d5	1.919	69	115712	96.925	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	267285	95.990	ug/L	0.00
21) 2-Butanone-d5	4.646	46	236418	191.645	ug/L	0.00
24) Chloroform-d	5.067	84	269195	102.690	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	173150	98.909	ug/L	0.00
32) Benzene-d6	5.733	84	544549	103.678	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	161887	99.919	ug/L	0.00
41) Toluene-d8	7.900	98	501285	104.994	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.183	79	85628	108.877	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	203161	252.673	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	257811	104.268	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	200027	100.382	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.389	85	163414	82.236	ug/L	99
3) Chloromethane	1.524	50	143581	80.544	ug/L	100
5) Vinyl chloride	1.607	62	155581	85.940	ug/L	99
6) Bromomethane	1.865	94	97189	93.249	ug/L	98
8) Chloroethane	1.942	64	92886	88.637	ug/L	95
9) Trichlorofluoromethane	2.144	101	223978	93.520	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	126309	93.048	ug/L	100
12) 1,1-Dichloroethene	2.585	96	119329	92.582	ug/L	90
13) Acetone	2.662	43	223152	151.597	ug/L	98
14) Carbon disulfide	2.800	76	351833	88.620	ug/L	99
15) Methyl Acetate	2.961	43	145390	82.711	ug/L	99
16) Methylene chloride	3.051	84	137166	88.879	ug/L	99
17) trans-1,2-Dichloroethene	3.360	96	126575	93.041	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	396742	94.714	ug/L	99
19) 1,1-Dichloroethane	3.874	63	225904	91.018	ug/L	99
20) cis-1,2-Dichloroethene	4.672	96	140213	94.668	ug/L	98
22) 2-Butanone	4.723	43	260696	161.552	ug/L	99
23) Bromochloromethane	4.980	128	71207	94.094	ug/L	95
25) Chloroform	5.093	83	251095	91.078	ug/L	100
27) 1,2-Dichloroethane	5.797	62	192035	93.230	ug/L	99
29) Cyclohexane	5.395	56	202084	96.903	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	218681	97.935	ug/L	100
31) Carbon tetrachloride	5.530	117	188871	99.821	ug/L	99
33) Benzene	5.778	78	530291	96.638	ug/L	100
34) Trichloroethene	6.546	95	137139	95.437	ug/L	98
35) Methylcyclohexane	6.768	83	229399	103.002	ug/L	99
37) 1,2-Dichloropropane	6.794	63	133424	93.124	ug/L	100
38) Bromodichloromethane	7.109	83	186871	97.516	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	222132	101.609	ug/L	100
40) 4-Methyl-2-pentanone	7.797	43	398945	192.408	ug/L	100
42) Toluene	7.970	91	576542	97.933	ug/L	98
44) trans-1,3-Dichloropropene	8.212	75	215404	101.503	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	135098	93.531	ug/L	99
46) Tetrachloroethene	8.556	164	105484	99.190	ug/L	98
48) 2-Hexanone	8.691	43	342744	186.567	ug/L	100
49) Dibromochloromethane	8.813	129	152342	100.324	ug/L	100
50) 1,2-Dibromoethane	8.925	107	148209	95.460	ug/L	97
51) Chlorobenzene	9.449	112	360999	94.757	ug/L	99
52) Ethylbenzene	9.572	91	631259	100.338	ug/L	99
53) m,p-Xylene	9.694	106	245711	100.136	ug/L	99
54) o-xylene	10.102	106	237195	99.561	ug/L	100
55) Styrene	10.115	104	421498	103.601	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.784	83	242200	97.268	ug/L	100
59) Bromoform	10.292	173	119265	97.989	ug/L	99
60) 1,2,3-Trichloropropane	10.826	75	199273	88.580	ug/L	99
61) Isopropylbenzene	10.485	105	637399	96.194	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	558301	101.138	ug/L	99
63) 1,2,4-Trimethylbenzene	11.469	105	564581	102.282	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	304715	96.341	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	312091	95.439	ug/L	99
67) 1,2-Dichlorobenzene	12.215	146	305950	95.953	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	62578	102.108	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	238188	102.921	ug/L	99
70) 1,2,4-trichlorobenzene	13.842	180	214068	104.105	ug/L	99
71) Naphthalene	14.086	128	767226	108.262	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	216790	103.602	ug/L	99

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

