

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050622\
 Data File : VU048456.D
 Acq On : 06 May 2022 14:58
 Operator : SY/MD
 Sample : VSTD20066
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200066

Quant Time: May 06 23:21:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 06 23:19:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	436872	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	440508	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	239080	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	734030	185.493	ug/L	0.00
7) Chloroethane-d5	1.906	69	436337	159.017	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	1311072	203.111	ug/L	0.00
21) 2-Butanone-d5	4.633	46	1347283	401.871	ug/L	0.01
24) Chloroform-d	5.063	84	1285111	180.495	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	828461	192.376	ug/L	0.00
32) Benzene-d6	5.729	84	2563685	186.594	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	840670	184.456	ug/L	0.00
41) Toluene-d8	7.899	98	2333416	188.532	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	431992	214.293	ug/L	0.00
47) 2-Hexanone-d5	8.642	63	942236	400.479	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	1307353	169.062	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	896154	171.384	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	733962	218.705	ug/L	100
3) Chloromethane	1.520	50	804047	208.394	ug/L	99
5) Vinyl chloride	1.604	62	810627	211.733	ug/L	99
6) Bromomethane	1.855	94	370698	198.993	ug/L	97
8) Chloroethane	1.925	64	391342	184.133	ug/L	98
9) Trichlorofluoromethane	2.128	101	1062082	213.773	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	600906	186.219	ug/L	98
12) 1,1-Dichloroethene	2.575	96	579709	202.488	ug/L	98
13) Acetone	2.642	43	830481	380.945	ug/L	99
14) Carbon disulfide	2.790	76	1809330	246.610	ug/L	100
15) Methyl Acetate	2.951	43	936366	213.449	ug/L	99
16) Methylene chloride	3.044	84	702795	193.281	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	624027	208.675	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	2174113	221.037	ug/L	100
19) 1,1-Dichloroethane	3.867	63	1271752	204.490	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	720381	204.582	ug/L	97
22) 2-Butanone	4.713	43	1414426	438.918	ug/L	99
23) Bromochloromethane	4.977	128	359404	184.991	ug/L	98
25) Chloroform	5.089	83	1245079	197.647	ug/L	99
27) 1,2-Dichloroethane	5.793	62	1012874	214.733	ug/L	99
29) Cyclohexane	5.388	56	1190993	266.872	ug/L	100
30) 1,1,1-Trichloroethane	5.317	97	1116007	218.302	ug/L	99
31) Carbon tetrachloride	5.523	117	968653	222.161	ug/L	100
33) Benzene	5.774	78	2767588	210.500	ug/L	100
34) Trichloroethene	6.543	95	692777	214.554	ug/L	97
35) Methylcyclohexane	6.764	83	1168793	249.706	ug/L	99
37) 1,2-Dichloropropane	6.793	63	766081	205.149	ug/L	99
38) Bromodichloromethane	7.105	83	966392	205.993	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	1225219	231.658	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	2685418	478.731	ug/L	99
42) Toluene	7.970	91	2950285	215.196	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	1201513	234.501	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.404	97	714200	189.159	ug/L	98
46) Tetrachloroethene	8.552	164	520094	192.891	ug/L	97
48) 2-Hexanone	8.694	43	2159312	463.317	ug/L	99
49) Dibromochloromethane	8.813	129	818605	197.414	ug/L	99
50) 1,2-Dibromoethane	8.925	107	786217	202.009	ug/L	100
51) Chlorobenzene	9.449	112	1903438	196.980	ug/L	99
52) Ethylbenzene	9.571	91	3305315	232.161	ug/L	100
53) m,p-Xylene	9.694	106	1296975	233.565	ug/L	98
54) o-Xylene	10.102	106	1290554	231.040	ug/L	97
55) Styrene	10.118	104	2206768	235.446	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.787	83	1345383	181.870	ug/L	99
59) Bromoform	10.295	173	642543	190.539	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	1093109	195.349	ug/L	99
61) Isopropylbenzene	10.484	105	3323741	244.034	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	1910101	264.117	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	2889107	262.638	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	1485059	201.996	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	1474805	195.624	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	1480691	190.592	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	343869	226.602	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	1069441	197.337	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	958696	222.453	ug/L	99
71) Naphthalene	14.086	128	3424878	269.700	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	957289	216.532	ug/L	99

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

