

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
 Data File : VU048263.D
 Acq On : 25 Apr 2022 11:34
 Operator : SY/MD
 Sample : VSTD20060
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200060

Quant Time: Apr 26 02:21:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 26 02:18:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	421909	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	446257	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	288074	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	743302	232.043	ug/L	0.00
7) Chloroethane-d5	1.890	69	407074	162.151	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	63	1235917	212.321	ug/L	0.00
21) 2-Butanone-d5	4.626	46	1322089	476.140	ug/L	0.00
24) Chloroform-d	5.063	84	1327237	224.681	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	788430	219.484	ug/L	0.00
32) Benzene-d6	5.729	84	2778540	235.825	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	911933	246.632	ug/L	0.00
41) Toluene-d8	7.899	98	2663334	235.164	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	456571	250.855	ug/L	0.00
47) 2-Hexanone-d5	8.642	63	1153098	528.933	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	1648391	255.910	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	1285808	237.410	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	591816	149.589	ug/L	100
3) Chloromethane	1.520	50	629020	162.927	ug/L	99
5) Vinyl chloride	1.604	62	678696	171.411	ug/L	98
6) Bromomethane	1.842	94	299982	147.214	ug/L	100
8) Chloroethane	1.909	64	301906	122.309	ug/L	97
9) Trichlorofluoromethane	2.125	101	883537	159.648	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	610762	187.002	ug/L	99
12) 1,1-Dichloroethene	2.571	96	541525	179.545	ug/L	83
13) Acetone	2.633	43	903893	359.627	ug/L	100
14) Carbon disulfide	2.787	76	1263734	138.232	ug/L	99
15) Methyl Acetate	2.948	43	770734	185.023	ug/L	99
16) Methylene chloride	3.044	84	646166	182.135	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	552299	170.415	ug/L	99
18) Methyl tert-butyl Ether	3.366	73	1927515	203.095	ug/L	99
19) 1,1-Dichloroethane	3.867	63	1118408	193.588	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	683025	187.684	ug/L	97
22) 2-Butanone	4.706	43	1276584	380.679	ug/L	100
23) Bromochloromethane	4.977	128	362747	182.590	ug/L	99
25) Chloroform	5.089	83	1150941	186.450	ug/L	100
27) 1,2-Dichloroethane	5.793	62	820907	173.992	ug/L	99
29) Cyclohexane	5.388	56	899944	190.217	ug/L	99
30) 1,1,1-Trichloroethane	5.317	97	951225	179.324	ug/L	99
31) Carbon tetrachloride	5.523	117	823268	174.258	ug/L	100
33) Benzene	5.774	78	2502123	183.424	ug/L	100
34) Trichloroethene	6.542	95	641542	182.340	ug/L	99
35) Methylcyclohexane	6.764	83	1008372	189.241	ug/L	98
37) 1,2-Dichloropropane	6.793	63	708744	199.367	ug/L	100
38) Bromodichloromethane	7.108	83	929622	194.818	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	1136266	210.147	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	2322244	408.970	ug/L	99
42) Toluene	7.970	91	2834283	190.588	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	1119186	207.759	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.404	97	759320	201.543	ug/L	99
46) Tetrachloroethene	8.555	164	557128	177.050	ug/L	99
48) 2-Hexanone	8.697	43	1981943	409.123	ug/L	99
49) Dibromochloromethane	8.816	129	852403	197.794	ug/L	100
50) 1,2-Dibromoethane	8.925	107	775791	188.172	ug/L	98
51) Chlorobenzene	9.449	112	1951466	191.131	ug/L	99
52) Ethylbenzene	9.571	91	3176033	201.899	ug/L	100
53) m,p-Xylene	9.697	106	1249543	201.723	ug/L	99
54) o-Xylene	10.102	106	1283708	209.263	ug/L	100
55) Styrene	10.118	104	2264327	215.297	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	1515754	211.216	ug/L	100
59) Bromoform	10.295	173	779429	196.667	ug/L	100
60) 1,2,3-Trichloropropane	10.828	75	1138186	190.604	ug/L	99
61) Isopropylbenzene	10.488	105	3344481	200.624	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	1882596	207.665	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	2900679	209.048	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	1778386	192.154	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	1777672	187.366	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	1823932	196.539	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	343285	186.584	ug/L	91
69) 1,3,5-Trichlorobenzene	13.221	180	1422958	192.649	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	1250526	197.400	ug/L	99
71) Naphthalene	14.085	128	3837735	203.367	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	1229635	192.430	ug/L	99

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

