

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111522\
 Data File : VU051859.D
 Acq On : 15 Nov 2022 13:49
 Operator : JC/MD
 Sample : VSTD20053
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200053

Quant Time: Nov 16 00:44:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 16 00:41:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	512290	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	545655	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	304430	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	466577	123.973	ug/L	0.00
7) Chloroethane-d5	1.887	69	466182	146.536	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.562	63	854452	131.820	ug/L	0.00
21) 2-Butanone-d5	4.616	46	1237829	434.162	ug/L	0.00
24) Chloroform-d	5.060	84	1200036	165.604	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	708696	158.108	ug/L	0.00
32) Benzene-d6	5.722	84	2169102	154.537	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	806165	170.920	ug/L	0.00
41) Toluene-d8	7.896	98	1877849	149.735	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	362083	183.160	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	1096821	514.972	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	1649143	197.003	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	1049620	186.940	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	576356	134.564	ug/L	100
3) Chloromethane	1.523	50	751682	136.427	ug/L	99
5) Vinyl chloride	1.604	62	807764	147.714	ug/L	97
6) Bromomethane	1.829	94	264085	95.724	ug/L	99
8) Chloroethane	1.909	64	510810	154.553	ug/L	100
9) Trichlorofluoromethane	2.124	101	938115	147.538	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	596644	151.861	ug/L	99
12) 1,1-Dichloroethene	2.571	96	590345	159.406	ug/L	99
13) Acetone	2.623	43	975981	299.823	ug/L	100
14) Carbon disulfide	2.787	76	1614490	137.334	ug/L	99
15) Methyl Acetate	2.941	43	818616	169.525	ug/L	100
16) Methylene chloride	3.041	84	801301	162.494	ug/L	99
17) trans-1,2-Dichloroethene	3.346	96	644526	169.010	ug/L	97
18) Methyl tert-butyl Ether	3.359	73	2192645	198.092	ug/L	99
19) 1,1-Dichloroethane	3.864	63	1279140	168.716	ug/L	100
20) cis-1,2-Dichloroethene	4.661	96	798145	189.266	ug/L	99
22) 2-Butanone	4.697	43	1394206	371.402	ug/L	100
23) Bromochloromethane	4.970	128	413811	174.780	ug/L	97
25) Chloroform	5.083	83	1329838	169.843	ug/L	100
27) 1,2-Dichloroethane	5.790	62	987584	163.937	ug/L	99
29) Cyclohexane	5.385	56	1014822	182.010	ug/L	99
30) 1,1,1-Trichloroethane	5.311	97	1023371	161.280	ug/L	99
31) Carbon tetrachloride	5.520	117	848112	157.899	ug/L	98
33) Benzene	5.771	78	3014819	171.728	ug/L	100
34) Trichloroethene	6.539	95	713206	168.540	ug/L	99
35) Methylcyclohexane	6.761	83	1093482	181.814	ug/L	98
37) 1,2-Dichloropropane	6.787	63	838229	173.512	ug/L	100
38) Bromodichloromethane	7.102	83	1058338	171.651	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	1298413	203.642	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	2695559	418.166	ug/L	99
42) Toluene	7.967	91	3316146	184.388	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	1252338	202.696	ug/L	98

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45) 1,1,2-Trichloroethane	8.398	97	881907	182.090	ug/L	99
46) Tetrachloroethene	8.549	164	539901	171.040	ug/L	96
48) 2-Hexanone	8.684	43	2193076	401.632	ug/L	100
49) Dibromochloromethane	8.809	129	955646	191.672	ug/L	100
50) 1,2-Dibromoethane	8.922	107	913028	183.972	ug/L	99
51) Chlorobenzene	9.446	112	2226720	187.070	ug/L	99
52) Ethylbenzene	9.568	91	3696231	202.604	ug/L	99
53) m,p-Xylene	9.690	106	1447355	206.193	ug/L	100
54) o-Xylene	10.098	106	1496471	213.786	ug/L	100
55) Styrene	10.111	104	2679671	220.859	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	1718888	186.404	ug/L	99
59) Bromoform	10.288	173	788614	185.376	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	1303597	166.921	ug/L	100
61) Isopropylbenzene	10.481	105	3786208	198.934	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	3384998	211.796	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	3389245	215.577	ug/L	100
64) 1,3-Dichlorobenzene	11.741	146	1832596	188.977	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	1835002	184.431	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	1889485	186.650	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.992	75	365580	173.958	ug/L	91
69) 1,3,5-Trichlorobenzene	13.214	180	1283421	197.173	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	1128122	224.331	ug/L	100
71) Naphthalene	14.082	128	3997688	246.104	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	1172905	217.831	ug/L	99

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

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