

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080221\
 Data File : VV021711.D
 Acq On : 02 Aug 2021 10:20
 Operator : SY/MD
 Sample : VSTD05034
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050234

Quant Time: Aug 03 01:15:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 03 01:13:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	431111	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	401166	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	213688	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	136527	45.543	ug/L	0.00
7) Chloroethane-d5	1.558	69	113217	53.735	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	243826	48.101	ug/L	0.00
21) 2-Butanone-d5	3.873	46	242776	103.265	ug/L	0.00
24) Chloroform-d	4.349	84	289111	49.928	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	171548	50.068	ug/L	0.00
32) Benzene-d6	5.050	84	581519	49.566	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	181423	49.495	ug/L	0.00
41) Toluene-d8	7.317	98	539994	49.850	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	91398	49.929	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	171305	103.410	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	248140	50.986	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	220674	50.253	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	141829	45.887	ug/L	100
3) Chloromethane	1.240	50	136692	46.748	ug/L	100
5) Vinyl chloride	1.307	62	140068	46.217	ug/L	100
6) Bromomethane	1.510	94	90253	57.640	ug/L	100
8) Chloroethane	1.577	64	88045	50.521	ug/L	100
9) Trichlorofluoromethane	1.748	101	208771	48.345	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	116596	47.683	ug/L	100
12) 1,1-Dichloroethene	2.114	96	107814	47.510	ug/L	100
13) Acetone	2.159	43	139848	92.332	ug/L	100
14) Carbon disulfide	2.291	76	288587	43.085	ug/L	100
15) Methyl Acetate	2.426	43	163887	50.055	ug/L	100
16) Methylene chloride	2.503	84	144273	44.222	ug/L	100
17) trans-1,2-Dichloroethene	2.757	96	128458	47.664	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	453774	49.355	ug/L	100
19) 1,1-Dichloroethane	3.188	63	251106	49.016	ug/L	100
20) cis-1,2-Dichloroethene	3.912	96	152522	48.669	ug/L	100
22) 2-Butanone	3.957	43	229499	100.297	ug/L	100
23) Bromochloromethane	4.249	128	80857	48.652	ug/L	100
25) Chloroform	4.375	83	260083	49.087	ug/L	100
27) 1,2-Dichloroethane	5.130	62	188679	49.549	ug/L	100
29) Cyclohexane	4.677	56	201944	46.161	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	230976	48.758	ug/L	100
31) Carbon tetrachloride	4.828	117	197058	48.307	ug/L	100
33) Benzene	5.101	78	555271	49.000	ug/L	100
34) Trichloroethene	5.915	95	152127	49.252	ug/L	100
35) Methylcyclohexane	6.133	83	210311	46.122	ug/L	100
37) 1,2-Dichloropropane	6.175	63	145055	48.956	ug/L	100
38) Bromodichloromethane	6.513	83	200145	49.602	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	239227	50.103	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	438486	100.410	ug/L	100
42) Toluene	7.391	91	597813	48.882	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	227097	50.120	ug/L	100

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45) 1,1,2-Trichloroethane	7.841	97	150996	50.297	ug/L	100
46) Tetrachloroethene	7.976	164	112609	47.173	ug/L	100
48) 2-Hexanone	8.140	43	326653	97.654	ug/L	100
49) Dibromochloromethane	8.249	129	171741	50.571	ug/L	100
50) 1,2-Dibromoethane	8.355	107	159927	49.973	ug/L	100
51) Chlorobenzene	8.883	112	394243	49.003	ug/L	100
52) Ethylbenzene	9.014	91	647670	49.341	ug/L	100
53) m,p-Xylene	9.140	106	248364	48.811	ug/L	100
54) o-Xylene	9.545	106	253409	49.531	ug/L	100
55) Styrene	9.561	104	433311	50.268	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	228768	49.892	ug/L	100
59) Bromoform	9.731	173	128398	48.937	ug/L	100
60) Isopropylbenzene	9.934	105	666421	48.413	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	192230	48.762	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	568360	48.919	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	579239	49.255	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	321072	49.106	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	322045	49.127	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	326882	49.275	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	52022	47.990	ug/L	100
69) 1,3,5-Trichlorobenzene	12.648	180	239571	49.417	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	206996	48.741	ug/L	100
71) Naphthalene	13.503	128	628358	48.303	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	207186	48.150	ug/L	100

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

