

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070221\
 Data File : VV021588.D
 Acq On : 02 Jul 2021 09:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050179

Quant Time: Jul 02 23:59:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 01 01:50:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	481019	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	448725	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	237158	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	136274	44.777	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.560%		
7) Chloroethane-d5	1.564	69	112300	45.148	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.300%		
11) 1,1-Dichloroethene-d2	2.105	63	261063	46.884	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.760%		
21) 2-Butanone-d5	3.886	46	271378	104.408	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	104.410%		
24) Chloroform-d	4.346	84	308064	48.393	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.780%		
26) 1,2-Dichloroethane-d4	5.030	65	184457	49.176	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.360%		
32) Benzene-d6	5.047	84	610198	48.432	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.860%		
36) 1,2-Dichloropropane-d6	6.069	67	192423	48.423	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.840%		
41) Toluene-d8	7.313	98	565443	48.528	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.060%		
43) trans-1,3-Dichloroprop...	7.622	79	94790	47.952	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.900%		
47) 2-Hexanone-d5	8.088	63	193346	104.892	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.890%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	271421	50.695	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.400%		
66) 1,2-Dichlorobenzene-d4	11.625	152	230388	48.727	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.460%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	198837	47.793	ug/L	100
3) Chloromethane	1.240	50	187521	46.818	ug/L	98
5) Vinyl chloride	1.307	62	188830	47.621	ug/L	99
6) Bromomethane	1.519	94	118808	51.416	ug/L	99
8) Chloroethane	1.584	64	104303	45.753	ug/L	99
9) Trichlorofluoromethane	1.748	101	238146	47.720	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	143408	50.162	ug/L	98
12) 1,1-Dichloroethene	2.114	96	131661	47.927	ug/L	97
13) Acetone	2.182	43	271612	126.401	ug/L #	100
14) Carbon disulfide	2.291	76	445781	46.027	ug/L	100
15) Methyl Acetate	2.432	43	193022	48.339	ug/L	99
16) Methylene chloride	2.503	84	174411	46.769	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	163099	48.666	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	527138	48.564	ug/L	99
19) 1,1-Dichloroethane	3.188	63	294882	48.303	ug/L	100
20) cis-1,2-Dichloroethene	3.908	96	179419	48.144	ug/L	99
22) 2-Butanone	3.969	43	328197	110.593	ug/L	99
23) Bromochloromethane	4.246	128	94178	47.877	ug/L	99
25) Chloroform	4.371	83	302906	48.668	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	225818	49.884	ug/L	100
29) Cyclohexane	4.674	56	273069	48.193	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	272499	48.303	ug/L	99
31) Carbon tetrachloride	4.825	117	242089	48.726	ug/L	100
33) Benzene	5.098	78	666404	48.799	ug/L	100
34) Trichloroethene	5.911	95	178058	48.236	ug/L	98
35) Methylcyclohexane	6.130	83	287789	49.107	ug/L	100
37) 1,2-Dichloropropane	6.172	63	173382	48.846	ug/L	100
38) Bromodichloromethane	6.509	83	238787	49.779	ug/L	95
39) cis-1,3-Dichloropropene	7.027	75	286369	48.923	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	511047	98.080	ug/L	99
42) Toluene	7.387	91	718875	49.147	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	270446	49.476	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	169601	48.637	ug/L	99
46) Tetrachloroethene	7.976	164	142870	48.663	ug/L	100
48) 2-Hexanone	8.140	43	435600	105.766	ug/L	99
49) Dibromochloromethane	8.246	129	199057	49.567	ug/L	98
50) 1,2-Dibromoethane	8.352	107	187156	48.951	ug/L	99
51) Chlorobenzene	8.882	112	465212	48.873	ug/L	99
52) Ethylbenzene	9.011	91	780157	49.094	ug/L	100
53) m,p-Xylene	9.140	106	302136	49.544	ug/L	97
54) o-Xylene	9.545	106	299256	49.187	ug/L	100
55) Styrene	9.561	104	509905	49.599	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.242	83	268198	49.339	ug/L	99
59) Bromoform	9.731	173	147224	48.299	ug/L	99
60) Isopropylbenzene	9.931	105	790021	48.839	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	219774	47.938	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	671716	48.724	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	682064	48.889	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	370117	48.658	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	370734	48.763	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	373282	48.969	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	65152	47.938	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	282262	49.656	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	247360	50.599	ug/L	100
71) Naphthalene	13.503	128	772168	51.863	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	248115	51.386	ug/L	100

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

