

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061621\
 Data File : VW021549.D
 Acq On : 16 Jun 2021 14:45
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050169

Quant Time: Jun 17 02:05:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 17 02:01:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	459005	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	429350	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	246175	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	134866	44.628	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.260%		
7) Chloroethane-d5	1.568	69	110793	49.284	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.560%		
11) 1,1-Dichloroethene-d2	2.108	63	242295	46.921	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.840%		
21) 2-Butanone-d5	3.889	46	243657	112.438	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	112.440%		
24) Chloroform-d	4.349	84	300236	49.908	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.820%		
26) 1,2-Dichloroethane-d4	5.034	65	176600	50.967	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.940%		
32) Benzene-d6	5.050	84	580362	48.319	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.640%		
36) 1,2-Dichloropropane-d6	6.069	67	184148	49.646	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.300%		
41) Toluene-d8	7.317	98	543287	47.477	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.960%		
43) trans-1,3-Dichloroprop...	7.622	79	95940	48.332	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.660%		
47) 2-Hexanone-d5	8.088	63	186065	109.243	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	109.240%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	269289	52.301	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	104.600%		
66) 1,2-Dichlorobenzene-d4	11.625	152	243894	47.660	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.320%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	139943	43.987	ug/L	99
3) Chloromethane	1.240	50	148594	46.885	ug/L	99
5) Vinyl chloride	1.310	62	153650	47.237	ug/L	99
6) Bromomethane	1.519	94	111171	49.905	ug/L	98
8) Chloroethane	1.584	64	94456	51.073	ug/L	98
9) Trichlorofluoromethane	1.751	101	231934	48.071	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	139676	49.802	ug/L	99
12) 1,1-Dichloroethene	2.117	96	136213	50.564	ug/L	87
13) Acetone	2.182	43	156724	84.054	ug/L #	85
14) Carbon disulfide	2.291	76	385980	45.447	ug/L	100
15) Methyl Acetate	2.433	43	180718	56.567	ug/L	100
16) Methylene chloride	2.507	84	175090	51.883	ug/L	97
17) trans-1,2-Dichloroethene	2.757	96	156741	50.999	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	543465	55.778	ug/L	99
19) 1,1-Dichloroethane	3.188	63	288176	52.911	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	182594	53.103	ug/L	99
22) 2-Butanone	3.973	43	255909	108.346	ug/L	98
23) Bromochloromethane	4.249	128	105023	55.148	ug/L	97
25) Chloroform	4.375	83	304097	53.954	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	216756	55.668	ug/L	98
29) Cyclohexane	4.677	56	233586	46.699	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	266657	50.312	ug/L	100
31) Carbon tetrachloride	4.828	117	239017	49.676	ug/L	100
33) Benzene	5.098	78	639683	52.054	ug/L	100
34) Trichloroethene	5.915	95	170645	51.086	ug/L	99
35) Methylcyclohexane	6.130	83	250899	46.790	ug/L	99
37) 1,2-Dichloropropane	6.175	63	168162	53.669	ug/L	99
38) Bromodichloromethane	6.510	83	237380	53.990	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	279245	53.008	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	490376	115.425	ug/L	98
42) Toluene	7.387	91	697572	51.169	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	265886	53.352	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	179934	56.581	ug/L	98
46) Tetrachloroethene	7.976	164	151167	49.222	ug/L	98
48) 2-Hexanone	8.140	43	371705	114.078	ug/L	99
49) Dibromochloromethane	8.246	129	218473	54.863	ug/L	96
50) 1,2-Dibromoethane	8.352	107	196415	56.117	ug/L	99
51) Chlorobenzene	8.882	112	475420	52.748	ug/L	99
52) Ethylbenzene	9.011	91	766323	51.179	ug/L	100
53) m,p-Xylene	9.140	106	295458	51.355	ug/L	99
54) o-Xylene	9.545	106	296778	52.245	ug/L	98
55) Styrene	9.561	104	512135	52.384	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	283218	57.054	ug/L	100
59) Bromoform	9.731	173	187044	56.312	ug/L	99
60) Isopropylbenzene	9.931	105	774654	50.782	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	220973	57.128	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	661794	50.394	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	677214	51.048	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	394663	51.221	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	396533	50.973	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	402357	52.152	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	67887	56.337	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	324054	49.854	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	291303	50.165	ug/L	99
71) Naphthalene	13.503	128	850866	53.121	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	296357	52.431	ug/L	99

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

