

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121322\
 Data File : WV029665.D
 Acq On : 13 Dec 2022 20:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050387

Quant Time: Dec 13 22:55:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 13 22:49:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	527380	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	480866	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	263891	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	152578	47.246	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.500%		
7) Chloroethane-d5	1.561	69	125464	50.949	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	101.900%		
11) 1,1-Dichloroethene-d2	2.108	63	266624	52.932	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	105.860%		
21) 2-Butanone-d5	3.870	46	194327	98.640	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.640%		
24) Chloroform-d	4.339	84	275792	45.381	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.760%		
26) 1,2-Dichloroethane-d4	5.024	65	158550	45.680	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.360%		
32) Benzene-d6	5.043	84	582090	45.812	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.620%		
36) 1,2-Dichloropropane-d6	6.063	67	175675	45.264	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.520%		
41) Toluene-d8	7.307	98	544485	45.480	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.960%		
43) trans-1,3-Dichloroprop...	7.612	79	77003	39.291	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.580%		
47) 2-Hexanone-d5	8.082	63	160761	97.000	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.000%		
56) 1,1,2,2-Tetrachloroeth...	10.204	84	242002	43.634	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.260%		
66) 1,2-Dichlorobenzene-d4	11.612	152	212657	42.333	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.660%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	180196	43.378	ug/L	100
3) Chloromethane	1.240	50	200918	42.421	ug/L	98
5) Vinyl chloride	1.310	62	197016	49.718	ug/L	100
6) Bromomethane	1.516	94	95621	59.970	ug/L	100
8) Chloroethane	1.580	64	119105	53.978	ug/L	100
9) Trichlorofluoromethane	1.751	101	244448	49.277	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	143290	51.983	ug/L	98
12) 1,1-Dichloroethene	2.117	96	143884	51.041	ug/L	95
13) Acetone	2.159	43	130894	101.991	ug/L	99
14) Carbon disulfide	2.291	76	423281	45.117	ug/L	100
15) Methyl Acetate	2.423	43	157694	53.932	ug/L	97
16) Methylene chloride	2.503	84	177845	50.740	ug/L	96
17) trans-1,2-Dichloroethene	2.754	96	158249	48.720	ug/L	94
18) Methyl tert-butyl Ether	2.764	73	496152	49.857	ug/L	99
19) 1,1-Dichloroethane	3.182	63	282665	50.798	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	174504	48.858	ug/L	91
22) 2-Butanone	3.953	43	215043	105.305	ug/L	97
23) Bromochloromethane	4.239	128	89633	48.736	ug/L	93
25) Chloroform	4.365	83	283071	49.070	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.120	62	204994	50.304	ug/L	98
29) Cyclohexane	4.670	56	248913	47.785	ug/L	97
30) 1,1,1-Trichloroethane	4.600	97	249657	47.653	ug/L	99
31) Carbon tetrachloride	4.821	117	213102	46.580	ug/L	99
33) Benzene	5.092	78	662686	48.891	ug/L	100
34) Trichloroethene	5.905	95	163815	48.231	ug/L	99
35) Methylcyclohexane	6.124	83	270914	46.963	ug/L	98
37) 1,2-Dichloropropane	6.165	63	165225	50.505	ug/L	99
38) Bromodichloromethane	6.503	83	214290	47.450	ug/L	99
39) cis-1,3-Dichloropropene	7.018	75	222143	41.288	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	432353	110.845	ug/L	97
42) Toluene	7.381	91	705493	48.358	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	219120	43.005	ug/L	98
45) 1,1,2-Trichloroethane	7.831	97	166524	49.271	ug/L	98
46) Tetrachloroethene	7.966	164	133440	48.866	ug/L	97
48) 2-Hexanone	8.133	43	334675	112.307	ug/L	95
49) Dibromochloromethane	8.236	129	177348	47.528	ug/L	100
50) 1,2-Dibromoethane	8.342	107	165603	47.560	ug/L	99
51) Chlorobenzene	8.873	112	453184	49.056	ug/L	99
52) Ethylbenzene	9.005	91	753056	49.097	ug/L	99
53) m,p-Xylene	9.130	106	298555	49.180	ug/L	98
54) o-Xylene	9.535	106	292907	48.779	ug/L	99
55) Styrene	9.551	104	523507	50.167	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	259868	48.067	ug/L	100
59) Bromoform	9.722	173	131031	44.949	ug/L	99
60) Isopropylbenzene	9.921	105	764902	49.369	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	199009	48.856	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	638262	46.592	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	641188	47.218	ug/L	99
64) 1,3-Dichlorobenzene	11.168	146	361136	47.672	ug/L	100
65) 1,4-Dichlorobenzene	11.262	146	363363	47.196	ug/L	99
67) 1,2-Dichlorobenzene	11.631	146	371758	47.990	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	56330	44.494	ug/L	99
69) 1,3,5-Trichlorobenzene	12.631	180	281884	46.757	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	254218	47.421	ug/L	99
71) Naphthalene	13.490	128	682562	56.131	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	257482	49.036	ug/L	99

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

