

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081122\
 Data File : VW027275.D
 Acq On : 11 Aug 2022 09:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050336

Quant Time: Aug 12 03:38:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 09 02:29:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	326886	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	345981	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	193913	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	111269	49.927	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.860%
7) Chloroethane-d5	1.555	69	87505	53.708	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.420%
11) 1,1-Dichloroethene-d2	2.101	63	210283	51.584	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.160%
21) 2-Butanone-d5	3.867	46	171543	86.474	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.470%
24) Chloroform-d	4.339	84	228048	49.954	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.900%
26) 1,2-Dichloroethane-d4	5.024	65	141252	49.836	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.680%
32) Benzene-d6	5.043	84	423680	51.065	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.140%
36) 1,2-Dichloropropane-d6	6.063	67	139921	47.409	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.820%
41) Toluene-d8	7.310	98	400226	56.593	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.180%
43) trans-1,3-Dichloroprop...	7.616	79	65826	51.170	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.340%
47) 2-Hexanone-d5	8.085	63	120032	84.442	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.440%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	209504	43.559	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.120%
66) 1,2-Dichlorobenzene-d4	11.622	152	153162	45.738	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	140783	48.413	ug/L	100
3) Chloromethane	1.237	50	154234	46.427	ug/L	98
5) Vinyl chloride	1.307	62	148452	44.858	ug/L	99
6) Bromomethane	1.507	94	69100	44.292	ug/L	98
8) Chloroethane	1.574	64	93286	50.598	ug/L	99
9) Trichlorofluoromethane	1.745	101	209397	49.313	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	120718	51.269	ug/L	99
12) 1,1-Dichloroethene	2.111	96	108152	47.749	ug/L	90
13) Acetone	2.156	43	191456	125.163	ug/L	89
14) Carbon disulfide	2.285	76	350763	45.502	ug/L	100
15) Methyl Acetate	2.420	43	171549	49.308	ug/L	# 83
16) Methylene chloride	2.500	84	152465	50.393	ug/L	86
17) trans-1,2-Dichloroethene	2.751	96	124273	49.581	ug/L	90
18) Methyl tert-butyl Ether	2.764	73	400742	53.758	ug/L	# 93
19) 1,1-Dichloroethane	3.182	63	259142	51.502	ug/L	97
20) cis-1,2-Dichloroethene	3.902	96	137422	52.778	ug/L	88
22) 2-Butanone	3.950	43	248944	118.709	ug/L	97
23) Bromochloromethane	4.240	128	74345	51.131	ug/L	88
25) Chloroform	4.365	83	262458	51.614	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	204504	51.638	ug/L	95
29) Cyclohexane	4.670	56	194708	48.865	ug/L	89
30) 1,1,1-Trichloroethane	4.600	97	223302	48.694	ug/L	96
31) Carbon tetrachloride	4.818	117	196207	49.281	ug/L	99
33) Benzene	5.092	78	552082	49.656	ug/L	100
34) Trichloroethene	5.908	95	139044	48.842	ug/L	96
35) Methylcyclohexane	6.124	83	217556	51.971	ug/L	92
37) 1,2-Dichloropropane	6.166	63	159813	51.308	ug/L	99
38) Bromodichloromethane	6.503	83	205019	50.235	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	215427	52.214	ug/L	97
40) 4-Methyl-2-pentanone	7.220	43	455555	102.521	ug/L #	91
42) Toluene	7.384	91	599230	53.009	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	216217	53.327	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	152202	50.699	ug/L	98
46) Tetrachloroethene	7.973	164	105463	50.615	ug/L	98
48) 2-Hexanone	8.133	43	373718	105.600	ug/L #	90
49) Dibromochloromethane	8.243	129	161940	51.030	ug/L	99
50) 1,2-Dibromoethane	8.349	107	157065	50.846	ug/L	98
51) Chlorobenzene	8.879	112	379315	50.026	ug/L	96
52) Ethylbenzene	9.008	91	621641	53.293	ug/L	98
53) m,p-Xylene	9.137	106	244738	55.517	ug/L	98
54) o-Xylene	9.542	106	233949	54.473	ug/L	97
55) Styrene	9.558	104	434571	57.439	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	253844	50.473	ug/L	99
59) Bromoform	9.728	173	107935	46.849	ug/L	100
60) Isopropylbenzene	9.931	105	619736	50.714	ug/L	98
61) 1,2,3-Trichloropropane	10.268	75	203331	45.674	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	523578	51.881	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	529158	53.524	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	301248	50.863	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	313530	50.300	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	310714	50.069	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	55089	44.108	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	211454	53.155	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	172100	52.089	ug/L	99
71) Naphthalene	13.500	128	558484	49.365	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	196169	53.567	ug/L	99

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

