

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081022\
 Data File : VW027251.D
 Acq On : 10 Aug 2022 11:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050334

Quant Time: Aug 11 03:53:11 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	5.609	114	473904	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	447565	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	244337	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	154022	47.670	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.340%
7) Chloroethane-d5	1.555	69	111813	47.338	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.680%
11) 1,1-Dichloroethene-d2	2.101	63	269873	45.664	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.320%
21) 2-Butanone-d5	3.867	46	231068	80.345	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.340%
24) Chloroform-d	4.339	84	282083	42.622	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.240%
26) 1,2-Dichloroethane-d4	5.024	65	179910	43.783	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.560%
32) Benzene-d6	5.043	84	574567	53.533	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.060%
36) 1,2-Dichloropropane-d6	6.063	67	182722	47.860	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.720%
41) Toluene-d8	7.310	98	539650	58.988	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.980%
43) trans-1,3-Dichloroprop...	7.619	79	87468	52.561	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.120%
47) 2-Hexanone-d5	8.085	63	169913	92.402	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.400%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	254288	40.871	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.740%
66) 1,2-Dichlorobenzene-d4	11.622	152	194698	46.143	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	172922	41.018	ug/L	100
3) Chloromethane	1.236	50	200421	41.614	ug/L	98
5) Vinyl chloride	1.307	62	188759	39.343	ug/L	100
6) Bromomethane	1.507	94	87910	38.868	ug/L	98
8) Chloroethane	1.574	64	111414	41.684	ug/L	99
9) Trichlorofluoromethane	1.744	101	246081	39.974	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	143302	41.980	ug/L	98
12) 1,1-Dichloroethene	2.111	96	131028	39.903	ug/L	89
13) Acetone	2.156	43	181489	81.840	ug/L	90
14) Carbon disulfide	2.285	76	448905	40.168	ug/L	98
15) Methyl Acetate	2.420	43	222164	44.046	ug/L #	83
16) Methylene chloride	2.497	84	184165	41.987	ug/L	85
17) trans-1,2-Dichloroethene	2.751	96	164035	45.142	ug/L	91
18) Methyl tert-butyl Ether	2.764	73	542642	50.210	ug/L #	96
19) 1,1-Dichloroethane	3.178	63	319643	43.819	ug/L	98
20) cis-1,2-Dichloroethene	3.902	96	179969	47.676	ug/L	87
22) 2-Butanone	3.950	43	305292	100.416	ug/L	98
23) Bromochloromethane	4.236	128	91216	43.272	ug/L	86
25) Chloroform	4.365	83	326059	44.229	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	243521	42.414	ug/L	96
29) Cyclohexane	4.670	56	270864	52.549	ug/L	91
30) 1,1,1-Trichloroethane	4.600	97	277264	46.739	ug/L	97
31) Carbon tetrachloride	4.818	117	239087	46.421	ug/L	100
33) Benzene	5.092	78	696015	48.393	ug/L	100
34) Trichloroethene	5.908	95	177749	48.266	ug/L	97
35) Methylcyclohexane	6.124	83	292894	54.088	ug/L	94
37) 1,2-Dichloropropane	6.165	63	192184	47.696	ug/L	99
38) Bromodichloromethane	6.503	83	247630	46.904	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	286743	53.725	ug/L	100
40) 4-Methyl-2-pentanone	7.220	43	597307	103.912	ug/L #	92
42) Toluene	7.384	91	755603	51.671	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	278668	53.130	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	181106	46.635	ug/L	97
46) Tetrachloroethene	7.972	164	134408	49.865	ug/L	98
48) 2-Hexanone	8.133	43	467073	102.024	ug/L #	91
49) Dibromochloromethane	8.243	129	193640	47.170	ug/L	98
50) 1,2-Dibromoethane	8.349	107	192827	48.255	ug/L	99
51) Chlorobenzene	8.879	112	485495	49.497	ug/L	96
52) Ethylbenzene	9.008	91	803285	53.235	ug/L	99
53) m,p-Xylene	9.136	106	312959	54.879	ug/L	98
54) o-Xylene	9.542	106	304371	54.784	ug/L	98
55) Styrene	9.558	104	539139	55.087	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	309877	47.630	ug/L	99
59) Bromoform	9.728	173	133213	45.888	ug/L	100
60) Isopropylbenzene	9.927	105	804595	52.253	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	246330	43.914	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	689156	54.195	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	691699	55.526	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	377119	50.533	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	380566	48.455	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	382964	48.976	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	69055	43.880	ug/L	96
69) 1,3,5-Trichlorobenzene	12.641	180	273868	54.638	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	234841	56.410	ug/L	99
71) Naphthalene	13.500	128	782676	54.905	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	251872	54.584	ug/L	98

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

