

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051222\
 Data File : VW025876.D
 Acq On : 12 May 2022 12:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050293

Quant Time: May 13 07:03:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 12 04:49:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	304052	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	306323	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	166011	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	153932	39.228	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.460%
7) Chloroethane-d5	1.568	69	127306	36.943	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.880%
11) 1,1-Dichloroethene-d2	2.108	63	289320	42.156	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.320%
21) 2-Butanone-d5	3.895	46	160494	95.424	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.420%
24) Chloroform-d	4.342	84	240843	43.942	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.880%
26) 1,2-Dichloroethane-d4	5.027	65	149742	45.205	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.420%
32) Benzene-d6	5.043	84	469338	43.950	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.900%
36) 1,2-Dichloropropane-d6	6.066	67	147702	45.033	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.060%
41) Toluene-d8	7.310	98	425893	43.285	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.580%
43) trans-1,3-Dichloroprop...	7.619	79	60730	41.479	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.960%
47) 2-Hexanone-d5	8.088	63	117890	98.038	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.040%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	207096	47.347	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.700%
66) 1,2-Dichlorobenzene-d4	11.622	152	160467	44.065	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	130067	41.375	ug/L	99
3) Chloromethane	1.240	50	183168	48.178	ug/L	99
5) Vinyl chloride	1.310	62	178535	46.190	ug/L	100
6) Bromomethane	1.523	94	108984	46.401	ug/L	99
8) Chloroethane	1.584	64	118509	41.054	ug/L	100
9) Trichlorofluoromethane	1.751	101	222694	40.541	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	117220	40.165	ug/L	99
12) 1,1-Dichloroethene	2.117	96	125619	43.764	ug/L	93
13) Acetone	2.195	43	112275	97.823	ug/L	99
14) Carbon disulfide	2.291	76	309313	43.566	ug/L	100
15) Methyl Acetate	2.436	43	126923	51.617	ug/L	99
16) Methylene chloride	2.503	84	138517	49.821	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	112000	45.416	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	391889	54.639	ug/L	100
19) 1,1-Dichloroethane	3.185	63	224831	48.810	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	125266	47.058	ug/L	100
22) 2-Butanone	3.982	43	154676	101.055	ug/L	95
23) Bromochloromethane	4.243	128	69441	49.388	ug/L	95
25) Chloroform	4.371	83	231823	47.494	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	184310	49.944	ug/L	99
29) Cyclohexane	4.674	56	154288	41.604	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	188039	45.200	ug/L	99
31) Carbon tetrachloride	4.825	117	153264	43.881	ug/L	100
33) Benzene	5.095	78	490406	47.546	ug/L	100
34) Trichloroethene	5.908	95	115299	42.739	ug/L	97
35) Methylcyclohexane	6.127	83	158583	39.249	ug/L	99
37) 1,2-Dichloropropane	6.169	63	131952	50.927	ug/L	100
38) Bromodichloromethane	6.506	83	171161	48.850	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	172206	46.607	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	339225	112.006	ug/L	100
42) Toluene	7.384	91	506090	45.739	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	164582	46.300	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	131180	49.828	ug/L	99
46) Tetrachloroethene	7.972	164	84379	42.402	ug/L	98
48) 2-Hexanone	8.136	43	265082	112.490	ug/L	99
49) Dibromochloromethane	8.243	129	128295	49.405	ug/L	99
50) 1,2-Dibromoethane	8.349	107	132501	49.492	ug/L	97
51) Chlorobenzene	8.879	112	318274	44.920	ug/L	99
52) Ethylbenzene	9.008	91	503359	44.094	ug/L	100
53) m,p-Xylene	9.136	106	196510	44.381	ug/L	100
54) o-Xylene	9.542	106	193608	44.513	ug/L	98
55) Styrene	9.558	104	351598	46.393	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	201217	51.226	ug/L	100
59) Bromoform	9.728	173	82830	51.723	ug/L	98
60) Isopropylbenzene	9.931	105	491272	44.179	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	164791	50.151	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	250411	43.688	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	399678	44.943	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	234758	44.600	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	242134	43.895	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	246917	45.353	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	39494	52.060	ug/L	96
69) 1,3,5-Trichlorobenzene	12.641	180	152005	41.824	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	135942	43.926	ug/L	99
71) Naphthalene	13.500	128	456245	49.779	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	146662	46.504	ug/L	100

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

