

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051222\
 Data File : VW025888.D
 Acq On : 12 May 2022 17:33
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050294

Quant Time: May 13 07:10:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 13 07:07:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	327467	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	331779	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	187522	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	161635	38.245	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.500%
7) Chloroethane-d5	1.568	69	135888	36.613	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.220%
11) 1,1-Dichloroethene-d2	2.111	63	320225	43.323	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.640%
21) 2-Butanone-d5	3.896	46	148365	81.905	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.910%
24) Chloroform-d	4.349	84	253237	42.900	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	5.031	65	155450	43.573	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.140%
32) Benzene-d6	5.050	84	498137	43.068	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.140%
36) 1,2-Dichloropropane-d6	6.069	67	155247	43.701	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.400%
41) Toluene-d8	7.314	98	454595	42.658	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.320%
43) trans-1,3-Dichloroprop...	7.619	79	67796	42.752	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.500%
47) 2-Hexanone-d5	8.088	63	132287	101.570	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.570%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	217999	46.016	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.040%
66) 1,2-Dichlorobenzene-d4	11.622	152	175781	42.733	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	158922	46.939	ug/L	100
3) Chloromethane	1.243	50	193988	47.375	ug/L	99
5) Vinyl chloride	1.314	62	197690	47.488	ug/L	99
6) Bromomethane	1.523	94	113884	45.020	ug/L	99
8) Chloroethane	1.587	64	133061	42.800	ug/L	99
9) Trichlorofluoromethane	1.754	101	276920	46.809	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	157746	50.187	ug/L	98
12) 1,1-Dichloroethene	2.118	96	147127	47.592	ug/L	93
13) Acetone	2.185	43	98209	79.449	ug/L	98
14) Carbon disulfide	2.294	76	363603	47.551	ug/L	99
15) Methyl Acetate	2.436	43	124118	46.867	ug/L	99
16) Methylene chloride	2.507	84	146917	49.063	ug/L	98
17) trans-1,2-Dichloroethene	2.761	96	129678	48.824	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	390209	50.515	ug/L	100
19) 1,1-Dichloroethane	3.188	63	248530	50.098	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	137879	48.093	ug/L	98
22) 2-Butanone	3.982	43	150995	91.597	ug/L	93
23) Bromochloromethane	4.249	128	72780	48.062	ug/L	97
25) Chloroform	4.375	83	256421	48.777	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	196785	49.512	ug/L	99
29) Cyclohexane	4.677	56	205109	51.064	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	218875	48.575	ug/L	99
31) Carbon tetrachloride	4.828	117	184276	48.713	ug/L	100
33) Benzene	5.098	78	558937	50.033	ug/L	100
34) Trichloroethene	5.912	95	143260	49.029	ug/L	99
35) Methylcyclohexane	6.130	83	231497	52.899	ug/L	98
37) 1,2-Dichloropropane	6.172	63	147509	52.563	ug/L	99
38) Bromodichloromethane	6.510	83	190495	50.197	ug/L	95
39) cis-1,3-Dichloropropene	7.027	75	199218	49.781	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	364381	111.081	ug/L	99
42) Toluene	7.387	91	606243	50.586	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	199267	51.756	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	140978	49.441	ug/L	99
46) Tetrachloroethene	7.976	164	105232	48.823	ug/L	99
48) 2-Hexanone	8.140	43	287435	112.617	ug/L	98
49) Dibromochloromethane	8.246	129	141568	50.334	ug/L	100
50) 1,2-Dibromoethane	8.352	107	145955	50.335	ug/L	98
51) Chlorobenzene	8.879	112	382059	49.785	ug/L	99
52) Ethylbenzene	9.011	91	634244	51.297	ug/L	99
53) m,p-Xylene	9.137	106	250470	52.228	ug/L	98
54) o-Xylene	9.542	106	240198	50.987	ug/L	97
55) Styrene	9.558	104	431236	52.535	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	217983	51.237	ug/L	99
59) Bromoform	9.728	173	91015	50.314	ug/L	98
60) Isopropylbenzene	9.931	105	641802	51.096	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	182186	49.084	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	328240	50.698	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	525540	52.317	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	291361	49.004	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	300483	48.225	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	299223	48.655	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	43153	50.358	ug/L	96
69) 1,3,5-Trichlorobenzene	12.641	180	202613	49.354	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	175036	50.070	ug/L	98
71) Naphthalene	13.500	128	551621	53.281	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	185719	52.133	ug/L	99

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

