

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060222\
 Data File : VW025979.D
 Acq On : 02 Jun 2022 11:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050297

Quant Time: Jun 02 23:58:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 27 22:34:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	342043	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	338626	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	195617	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	156226	35.390	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.780%
7) Chloroethane-d5	1.568	69	132529	34.187	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.380%#
11) 1,1-Dichloroethene-d2	2.108	63	303261	39.279	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.560%
21) 2-Butanone-d5	3.896	46	138190	73.037	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.040%
24) Chloroform-d	4.346	84	262542	42.581	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.160%
26) 1,2-Dichloroethane-d4	5.027	65	152280	40.865	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.740%
32) Benzene-d6	5.043	84	520557	44.096	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.066	67	159618	44.023	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.040%
41) Toluene-d8	7.310	98	482016	44.316	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.640%
43) trans-1,3-Dichloroprop...	7.619	79	70909	43.811	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.620%
47) 2-Hexanone-d5	8.088	63	110356	83.018	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.020%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	219108	45.315	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.640%
66) 1,2-Dichlorobenzene-d4	11.622	152	187586	43.716	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	147664	41.755	ug/L	99
3) Chloromethane	1.243	50	175152	40.952	ug/L	99
5) Vinyl chloride	1.311	62	183153	42.121	ug/L	99
6) Bromomethane	1.523	94	102345	38.735	ug/L	100
8) Chloroethane	1.584	64	118475	36.484	ug/L	98
9) Trichlorofluoromethane	1.754	101	267173	43.237	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	154695	47.119	ug/L	98
12) 1,1-Dichloroethene	2.118	96	143788	44.529	ug/L	87
13) Acetone	2.195	43	179576	139.083	ug/L	92
14) Carbon disulfide	2.291	76	347337	43.488	ug/L	100
15) Methyl Acetate	2.436	43	98864	35.740	ug/L	91
16) Methylene chloride	2.503	84	145937	46.659	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	126826	45.715	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	384547	47.660	ug/L	98
19) 1,1-Dichloroethane	3.185	63	242932	46.882	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	138743	46.332	ug/L	97
22) 2-Butanone	3.979	43	166748	96.842	ug/L #	64
23) Bromochloromethane	4.243	128	73514	46.478	ug/L	98
25) Chloroform	4.368	83	259739	47.303	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	183060	44.096	ug/L	97
29) Cyclohexane	4.674	56	199698	48.712	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	219394	47.706	ug/L	99
31) Carbon tetrachloride	4.822	117	185900	48.148	ug/L	99
33) Benzene	5.095	78	559050	49.031	ug/L	100
34) Trichloroethene	5.908	95	140354	47.063	ug/L	99
35) Methylcyclohexane	6.127	83	225192	50.418	ug/L	100
37) 1,2-Dichloropropane	6.169	63	143194	49.994	ug/L	100
38) Bromodichloromethane	6.506	83	189076	48.816	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	202080	49.475	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	320038	95.590	ug/L	98
42) Toluene	7.384	91	603751	49.360	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	192667	49.030	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	141647	48.671	ug/L	98
46) Tetrachloroethene	7.973	164	108025	49.106	ug/L	97
48) 2-Hexanone	8.137	43	272044	104.431	ug/L	97
49) Dibromochloromethane	8.243	129	140263	48.861	ug/L	99
50) 1,2-Dibromoethane	8.349	107	144023	48.664	ug/L	98
51) Chlorobenzene	8.876	112	380114	48.530	ug/L	99
52) Ethylbenzene	9.008	91	629413	49.877	ug/L	100
53) m,p-Xylene	9.133	106	248370	50.743	ug/L	99
54) o-Xylene	9.542	106	239568	49.825	ug/L	99
55) Styrene	9.558	104	437180	52.182	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	219466	50.542	ug/L	99
59) Bromoform	9.728	173	86926	46.065	ug/L	99
60) Isopropylbenzene	9.928	105	637389	48.644	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	170970	44.156	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	326283	48.310	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	519191	49.546	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	302811	48.822	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	311220	47.881	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	306118	47.717	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	38515	43.086	ug/L	94
69) 1,3,5-Trichlorobenzene	12.641	180	211632	49.418	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	184364	50.556	ug/L	99
71) Naphthalene	13.500	128	535696	49.602	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	189264	50.930	ug/L	99

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

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