

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092121\
 Data File : VW022271.D
 Acq On : 21 Sep 2021 15:51
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050344

Quant Time: Sep 22 01:14:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 22 01:12:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	326008	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	314608	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	170679	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	93797	41.546	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.100%
7) Chloroethane-d5	1.558	69	81082	45.989	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.980%
11) 1,1-Dichloroethene-d2	2.105	63	181476	48.604	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.200%
21) 2-Butanone-d5	3.870	46	151416	97.793	ug/L	-0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.790%
24) Chloroform-d	4.342	84	199226	48.396	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.027	65	115322	47.560	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.120%
32) Benzene-d6	5.043	84	388337	45.509	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.020%
36) 1,2-Dichloropropane-d6	6.066	67	120566	44.927	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.860%
41) Toluene-d8	7.313	98	358069	44.452	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.900%
43) trans-1,3-Dichloroprop...	7.619	79	56846	44.505	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.020%
47) 2-Hexanone-d5	8.085	63	102357	99.406	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.410%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	165696	48.210	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.420%
66) 1,2-Dichlorobenzene-d4	11.625	152	146261	43.590	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	79179	35.333	ug/L	99
3) Chloromethane	1.240	50	91913	38.735	ug/L	99
5) Vinyl chloride	1.310	62	97252	40.663	ug/L	99
6) Bromomethane	1.510	94	65784	45.749	ug/L	98
8) Chloroethane	1.577	64	67969	45.429	ug/L	99
9) Trichlorofluoromethane	1.748	101	160058	46.995	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	102713	51.417	ug/L	97
12) 1,1-Dichloroethene	2.114	96	90020	47.871	ug/L	89
13) Acetone	2.156	43	149740	115.424	ug/L #	75
14) Carbon disulfide	2.291	76	212336	37.421	ug/L	100
15) Methyl Acetate	2.423	43	123231	48.777	ug/L	100
16) Methylene chloride	2.503	84	119791	47.547	ug/L	97
17) trans-1,2-Dichloroethene	2.754	96	100657	44.270	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	348206	48.194	ug/L	98
19) 1,1-Dichloroethane	3.185	63	200918	49.615	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	116986	46.228	ug/L	96
22) 2-Butanone	3.953	43	183076	100.395	ug/L	96
23) Bromochloromethane	4.243	128	62947	46.707	ug/L	97
25) Chloroform	4.371	83	207891	48.496	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	147761	51.421	ug/L	100
29) Cyclohexane	4.674	56	151196	42.992	ug/L	97
30) 1,1,1-Trichloroethane	4.603	97	177000	47.337	ug/L	99
31) Carbon tetrachloride	4.825	117	149550	46.553	ug/L	99
33) Benzene	5.095	78	432170	47.215	ug/L	100
34) Trichloroethene	5.908	95	116788	45.044	ug/L	98
35) Methylcyclohexane	6.127	83	163316	43.088	ug/L	98
37) 1,2-Dichloropropane	6.169	63	116198	48.973	ug/L	100
38) Bromodichloromethane	6.506	83	147982	48.770	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	169305	46.217	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	320122	99.520	ug/L	99
42) Toluene	7.384	91	467049	47.277	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	166468	48.826	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	116329	48.185	ug/L	99
46) Tetrachloroethene	7.973	164	89282	44.286	ug/L	97
48) 2-Hexanone	8.137	43	257081	103.006	ug/L	96
49) Dibromochloromethane	8.246	129	127194	49.220	ug/L	98
50) 1,2-Dibromoethane	8.352	107	123562	47.689	ug/L	100
51) Chlorobenzene	8.882	112	309548	46.604	ug/L	99
52) Ethylbenzene	9.011	91	494886	46.276	ug/L	99
53) m,p-Xylene	9.136	106	194315	46.748	ug/L	100
54) o-Xylene	9.542	106	192799	46.878	ug/L	98
55) Styrene	9.561	104	341411	48.642	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	179071	51.194	ug/L	98
59) Bromoform	9.731	173	85623	47.233	ug/L	99
60) Isopropylbenzene	9.931	105	513381	47.869	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	148164	50.088	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	424664	47.165	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	441892	48.286	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	250893	46.076	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	257161	46.153	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	255665	47.286	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	34174	47.935	ug/L	94
69) 1,3,5-Trichlorobenzene	12.648	180	182099	44.724	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	149131	41.636	ug/L	100
71) Naphthalene	13.503	128	435742	42.292	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	152081	43.532	ug/L	100

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

