

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072222\
 Data File : VW026882.D
 Acq On : 22 Jul 2022 11:39
 Operator : SY/MD
 Sample : VSTD10034
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100234

Quant Time: Jul 22 23:52:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 22 23:50:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	593689	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	603261	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	358861	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	493529	100.564	ug/L	0.00
7) Chloroethane-d5	1.564	69	391025	94.183	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.104	63	874606	95.903	ug/L	0.00
21) 2-Butanone-d5	3.876	46	776344	293.983	ug/L	0.00
24) Chloroform-d	4.342	84	983038	103.565	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	565467	104.157	ug/L	0.00
32) Benzene-d6	5.046	84	1963574	106.463	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	615547	105.556	ug/L	0.00
41) Toluene-d8	7.313	98	1789140	110.128	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	279161	119.131	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	650539	304.084	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.213	84	920526	108.315	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	701563	99.843	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	560466	121.904	ug/L	100
3) Chloromethane	1.240	50	538470	100.519	ug/L	99
5) Vinyl chloride	1.307	62	580054	101.829	ug/L	99
6) Bromomethane	1.519	94	347900	97.678	ug/L	100
8) Chloroethane	1.580	64	329227	88.216	ug/L	98
9) Trichlorofluoromethane	1.748	101	776921	97.886	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	451199	97.025	ug/L	99
12) 1,1-Dichloroethene	2.114	96	431523	94.946	ug/L	98
13) Acetone	2.172	43	472155	247.916	ug/L	99
14) Carbon disulfide	2.288	76	1245857	98.521	ug/L	100
15) Methyl Acetate	2.429	43	515076	128.832	ug/L	99
16) Methylene chloride	2.503	84	535621	99.277	ug/L	98
17) trans-1,2-Dichloroethene	2.754	96	477214	101.511	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	1423461	107.602	ug/L	100
19) 1,1-Dichloroethane	3.185	63	861291	100.613	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	532720	105.763	ug/L	99
22) 2-Butanone	3.960	43	734247	284.812	ug/L	99
23) Bromochloromethane	4.243	128	282121	98.273	ug/L	99
25) Chloroform	4.368	83	909949	100.465	ug/L	99
27) 1,2-Dichloroethane	5.124	62	651983	105.800	ug/L	100
29) Cyclohexane	4.673	56	701586	110.136	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	775904	98.549	ug/L	99
31) Carbon tetrachloride	4.825	117	675500	101.731	ug/L	99
33) Benzene	5.095	78	1995774	102.172	ug/L	100
34) Trichloroethene	5.908	95	493874	100.021	ug/L	99
35) Methylcyclohexane	6.130	83	808619	108.266	ug/L	99
37) 1,2-Dichloropropane	6.169	63	518933	101.220	ug/L	99
38) Bromodichloromethane	6.506	83	672943	102.480	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	768650	113.044	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	1376676	257.935	ug/L	99
42) Toluene	7.384	91	2118394	103.656	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	758103	118.625	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.834	97	525491	101.274	ug/L	99
46) Tetrachloroethene	7.972	164	385147	97.073	ug/L	97
48) 2-Hexanone	8.136	43	1085127	265.990	ug/L	97
49) Dibromochloromethane	8.242	129	564281	111.309	ug/L	98
50) 1,2-Dibromoethane	8.349	107	550487	104.390	ug/L	98
51) Chlorobenzene	8.879	112	1386886	100.487	ug/L	100
52) Ethylbenzene	9.011	91	2281586	109.827	ug/L	100
53) m,p-Xylene	9.136	106	900171	110.309	ug/L	99
54) o-Xylene	9.541	106	882903	112.362	ug/L	99
55) Styrene	9.558	104	1590103	115.027	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	859853	105.425	ug/L	99
59) Bromoform	9.728	173	392491	118.570	ug/L	100
60) Isopropylbenzene	9.931	105	2290727	105.573	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	674419	102.673	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	1946045	110.703	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	1967187	112.026	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	1085951	98.251	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	1122374	97.900	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	1108182	98.411	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	189517	124.385	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	780263	102.703	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	694060	108.876	ug/L	99
71) Naphthalene	13.499	128	2470179	131.471	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	735138	111.658	ug/L	99

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

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