

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW070325\
 Data File : VW038851.D
 Acq On : 03 Jul 2025 09:09
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDC0050

Quant Time: Jul 04 03:49:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 02:44:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	524089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	800288	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	759894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	448570	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.937	65	276730	47.114	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	94.220%
35) Dibromofluoromethane	4.497	113	255090	50.322	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	100.640%
50) Toluene-d8	7.233	98	818122	49.883	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	99.760%
62) 4-Bromofluorobenzene	9.998	95	341311	51.509	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	103.020%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.118	85	241305	48.503	ug/l	100
3) Chloromethane	1.227	50	248691	46.307	ug/l	98
4) Vinyl Chloride	1.294	62	263228	46.372	ug/l	100
5) Bromomethane	1.491	94	173798	50.171	ug/l	95
6) Chloroethane	1.558	64	179028	47.045	ug/l	99
7) Trichlorofluoromethane	1.725	101	472373	47.035	ug/l	99
8) Diethyl Ether	1.915	74	158707	45.412	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.079	101	281496	49.570	ug/l	99
10) Methyl Iodide	2.195	142	369658	51.306	ug/l	99
11) Tert butyl alcohol	2.558	59	187199	244.165	ug/l	100
12) 1,1-Dichloroethene	2.079	96	250216	46.359	ug/l	98
13) Acrolein	2.008	56	55706	290.983	ug/l	94
14) Allyl chloride	2.355	41	353555	48.710	ug/l	100
15) Acrylonitrile	2.667	53	701782	261.672	ug/l	100
16) Acetone	2.114	43	484043	247.291	ug/l	98
17) Carbon Disulfide	2.249	76	577190	46.166	ug/l	100
18) Methyl Acetate	2.375	43	347578	52.077	ug/l	98
19) Methyl tert-butyl Ether	2.706	73	870794	52.182	ug/l	99
20) Methylene Chloride	2.452	84	297767	46.031	ug/l	99
21) trans-1,2-Dichloroethene	2.699	96	263602	48.837	ug/l	99
22) Diisopropyl ether	3.207	45	811853	54.557	ug/l	91
23) Vinyl Acetate	3.185	43	2932330	273.271	ug/l	100
24) 1,1-Dichloroethane	3.117	63	490955	48.941	ug/l	99
25) 2-Butanone	3.854	43	761697	263.145	ug/l	100
26) 2,2-Dichloropropane	3.809	77	441683	47.505	ug/l	98
27) cis-1,2-Dichloroethene	3.818	96	313515	49.842	ug/l	99
28) Bromochloromethane	4.143	49	204716	47.748	ug/l #	100
29) Tetrahydrofuran	4.224	42	524667	267.632	ug/l	99
30) Chloroform	4.275	83	548991	50.229	ug/l	98
31) Cyclohexane	4.584	56	370586	46.647	ug/l	97
32) 1,1,1-Trichloroethane	4.510	97	497557	49.049	ug/l	99
36) 1,1-Dichloropropene	4.741	75	337993	54.947	ug/l	99
37) Ethyl Acetate	3.966	43	316760	50.466	ug/l	95
38) Carbon Tetrachloride	4.732	117	430789	53.208	ug/l	99
39) Methylcyclohexane	6.043	83	418897	52.084	ug/l	96
40) Benzene	5.005	78	1069353	52.647	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.150	41	156561	51.223	ug/l	97
42) 1,2-Dichloroethane	5.037	62	380691	52.939	ug/l	98
43) Isopropyl Acetate	5.185	43	523051	52.235	ug/l	99
44) Trichloroethene	5.828	130	275083	51.895	ug/l	96
45) 1,2-Dichloropropane	6.085	63	263511	51.657	ug/l	99
46) Dibromomethane	6.223	93	211053	52.463	ug/l	98
47) Bromodichloromethane	6.423	83	439368	51.580	ug/l	97
48) Methyl methacrylate	6.291	41	247323	51.943	ug/l	98
49) 1,4-Dioxane	6.281	88	72819	1103.360	ug/l	98
51) 4-Methyl-2-Pentanone	7.143	43	1780916	281.841	ug/l	99
52) Toluene	7.307	92	710009	55.948	ug/l	99
53) t-1,3-Dichloropropene	7.571	75	428969	52.603	ug/l	98
54) cis-1,3-Dichloropropene	6.944	75	462567	55.476	ug/l	99
55) 1,1,2-Trichloroethane	7.757	97	297056	53.530	ug/l	97
56) Ethyl methacrylate	7.712	69	408752	55.989	ug/l	99
57) 1,3-Dichloropropane	7.931	76	481782	55.111	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.809	63	902507	272.250	ug/l	100
59) 2-Hexanone	8.059	43	1240217	278.272	ug/l	99
60) Dibromochloromethane	8.165	129	364702	52.196	ug/l	99
61) 1,2-Dibromoethane	8.272	107	318202	55.423	ug/l	100
64) Tetrachloroethene	7.895	164	243453	49.821	ug/l	98
65) Chlorobenzene	8.802	112	818851	51.133	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.895	131	310050	51.847	ug/l	99
67) Ethyl Benzene	8.934	91	1361264	54.255	ug/l	100
68) m/p-Xylenes	9.063	106	1101705	114.639	ug/l	98
69) o-Xylene	9.468	106	510932	55.647	ug/l	99
70) Styrene	9.484	104	925338	57.723	ug/l	99
71) Bromoform	9.654	173	258985	53.296	ug/l #	99
73) Isopropylbenzene	9.854	105	1427421	54.222	ug/l	99
74) N-amyl acetate	9.722	43	484431	52.572	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	474445	49.713	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	356225	51.326	ug/l	98
77) Bromobenzene	10.140	156	350905	51.670	ug/l	99
78) n-propylbenzene	10.275	91	1710528	54.599	ug/l	100
79) 2-Chlorotoluene	10.345	91	1006476	52.899	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1234619	54.850	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.927	75	162108	49.719	ug/l	95
82) 4-Chlorotoluene	10.461	91	1202146	54.807	ug/l	100
83) tert-Butylbenzene	10.789	119	1236817	52.978	ug/l	99
84) 1,2,4-Trimethylbenzene	10.837	105	1227211	55.627	ug/l	100
85) sec-Butylbenzene	11.011	105	1610052	54.172	ug/l	100
86) p-Isopropyltoluene	11.165	119	1377652	54.063	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	706953	51.204	ug/l	99
88) 1,4-Dichlorobenzene	11.198	146	724993	49.835	ug/l	100
89) n-Butylbenzene	11.577	91	1306797	55.334	ug/l	99
90) Hexachloroethane	11.821	117	269899	48.795	ug/l	100
91) 1,2-Dichlorobenzene	11.567	146	671252	51.581	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	100522	49.749	ug/l	99
93) 1,2,4-Trichlorobenzene	13.185	180	447126	53.007	ug/l	99
94) Hexachlorobutadiene	13.368	225	201602	49.526	ug/l	98
95) Naphthalene	13.422	128	1450604	54.057	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	458161	52.632	ug/l	100

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

