

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW071125\
 Data File : VW038888.D
 Acq On : 11 Jul 2025 16:10
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ICVVW071125

Quant Time: Jul 14 06:33:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 14 06:27:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	474140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	751281	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	722099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	430961	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	263609	45.503	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	91.000%
35) Dibromofluoromethane	4.503	113	246146	48.054	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	96.100%
50) Toluene-d8	7.236	98	728032	47.021	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	94.040%
62) 4-Bromofluorobenzene	10.001	95	322856	51.763	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	103.520%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	174973	41.999	ug/l	99
3) Chloromethane	1.230	50	183235	40.730	ug/l	99
4) Vinyl Chloride	1.298	62	220474	42.818	ug/l	99
5) Bromomethane	1.487	94	161289	55.059	ug/l	96
6) Chloroethane	1.555	64	156536	45.483	ug/l	97
7) Trichlorofluoromethane	1.725	101	412556	45.284	ug/l	98
8) Diethyl Ether	1.918	74	158522	48.385	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.079	101	248001	45.525	ug/l	99
10) Methyl Iodide	2.195	142	307635	49.189	ug/l	99
11) Tert butyl alcohol	2.574	59	351695	263.691	ug/l	100
12) 1,1-Dichloroethene	2.082	96	218993	44.119	ug/l	99
13) Acrolein	2.011	56	50521	261.935	ug/l	97
14) Allyl chloride	2.359	41	375431	47.476	ug/l	99
15) Acrylonitrile	2.674	53	856692	251.005	ug/l	99
16) Acetone	2.121	43	692508	276.248	ug/l	97
17) Carbon Disulfide	2.252	76	400150	50.475	ug/l	100
18) Methyl Acetate	2.378	43	475194	56.027	ug/l	99
19) Methyl tert-butyl Ether	2.712	73	933624	50.166	ug/l	100
20) Methylene Chloride	2.455	84	276428	43.466	ug/l	99
21) trans-1,2-Dichloroethene	2.703	96	233384	44.190	ug/l	97
22) Diisopropyl ether	3.217	45	833219	52.732	ug/l	95
23) Vinyl Acetate	3.188	43	3246102	262.006	ug/l	100
24) 1,1-Dichloroethane	3.117	63	497244	48.052	ug/l	99
25) 2-Butanone	3.867	43	1022672	284.623	ug/l	99
26) 2,2-Dichloropropane	3.812	77	443359	48.937	ug/l	99
27) cis-1,2-Dichloroethene	3.822	96	300188	49.499	ug/l	99
28) Bromochloromethane	4.146	49	208021	51.936	ug/l	99
29) Tetrahydrofuran	4.236	42	652556	275.559	ug/l	99
30) Chloroform	4.278	83	548702	48.096	ug/l	98
31) Cyclohexane	4.580	56	305145	44.926	ug/l	96
32) 1,1,1-Trichloroethane	4.513	97	470579	47.275	ug/l	99
36) 1,1-Dichloropropene	4.744	75	299602	50.894	ug/l	99
37) Ethyl Acetate	3.976	43	375675	54.202	ug/l	98
38) Carbon Tetrachloride	4.735	117	379922	48.586	ug/l	99
39) Methylcyclohexane	6.047	83	329046	47.372	ug/l	98
40) Benzene	5.008	78	1014759	50.850	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.159	41	182254	57.296	ug/l	98
42) 1,2-Dichloroethane	5.040	62	378392	49.745	ug/l	100
43) Isopropyl Acetate	5.194	43	592042	54.011	ug/l	99
44) Trichloroethene	5.831	130	250881	48.111	ug/l	96
45) 1,2-Dichloropropane	6.088	63	274741	52.118	ug/l	100
46) Dibromomethane	6.227	93	204368	50.106	ug/l	100
47) Bromodichloromethane	6.426	83	439799	50.808	ug/l	98
48) Methyl methacrylate	6.297	41	279981	58.854	ug/l	100
49) 1,4-Dioxane	6.288	88	123120	1201.204	ug/l	99
51) 4-Methyl-2-Pentanone	7.149	43	2162008	289.661	ug/l	99
52) Toluene	7.307	92	662368	52.688	ug/l	100
53) t-1,3-Dichloropropene	7.574	75	422752	53.974	ug/l	98
54) cis-1,3-Dichloropropene	6.947	75	446690	52.758	ug/l	100
55) 1,1,2-Trichloroethane	7.760	97	306290	50.972	ug/l	97
56) Ethyl methacrylate	7.715	69	432999	60.639	ug/l	99
57) 1,3-Dichloropropane	7.934	76	478234	53.079	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.812	63	1365210	261.027	ug/l	100
59) 2-Hexanone	8.063	43	1609890	289.747	ug/l	99
60) Dibromochloromethane	8.169	129	366611	51.808	ug/l	97
61) 1,2-Dibromoethane	8.275	107	317016	52.367	ug/l	96
64) Tetrachloroethene	7.899	164	220255	46.509	ug/l	96
65) Chlorobenzene	8.805	112	781716	49.545	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.899	131	308319	49.000	ug/l	99
67) Ethyl Benzene	8.937	91	1296395	55.334	ug/l	100
68) m/p-Xylenes	9.063	106	1035655	113.540	ug/l	100
69) o-Xylene	9.468	106	493786	57.355	ug/l	97
70) Styrene	9.487	104	900247	59.164	ug/l	99
71) Bromoform	9.654	173	265017	51.817	ug/l	96
73) Isopropylbenzene	9.857	105	1381009	53.630	ug/l	99
74) N-amyl acetate	9.725	43	540051	57.253	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	528739	49.021	ug/l	98
76) 1,2,3-Trichloropropane	10.198	75	391184	48.821	ug/l	82
77) Bromobenzene	10.140	156	334620	49.538	ug/l	99
78) n-propylbenzene	10.278	91	1645898	54.688	ug/l	100
79) 2-Chlorotoluene	10.349	91	986607	51.547	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1199634	55.243	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.927	75	175408	53.422	ug/l	96
82) 4-Chlorotoluene	10.461	91	1176119	54.971	ug/l	99
83) tert-Butylbenzene	10.789	119	1244815	54.676	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	1201952	56.252	ug/l	100
85) sec-Butylbenzene	11.014	105	1590453	54.734	ug/l	99
86) p-Isopropyltoluene	11.165	119	1350553	54.743	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	690811	50.103	ug/l	99
88) 1,4-Dichlorobenzene	11.197	146	704968	47.003	ug/l	99
89) n-Butylbenzene	11.580	91	1269559	56.370	ug/l	100
90) Hexachloroethane	11.821	117	274164	46.723	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	668017	49.910	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	119042	48.817	ug/l	93
93) 1,2,4-Trichlorobenzene	13.185	180	436228	55.214	ug/l	100
94) Hexachlorobutadiene	13.368	225	197869	48.633	ug/l	98
95) Naphthalene	13.422	128	1587259	61.147	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	457928	55.919	ug/l	99

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

