

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW071125\
 Data File : VW038883.D
 Acq On : 11 Jul 2025 10:07
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 14 06:10:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 14 06:07:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	495970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	792399	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	754097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	457186	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	524430	86.541	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 173.080%#	
35) Dibromofluoromethane	4.493	113	487177	90.175	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 180.340%#	
50) Toluene-d8	7.233	98	1484134	90.881	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 181.760%#	
62) 4-Bromofluorobenzene	10.001	95	663662	100.883	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 201.760%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.117	85	386206	88.622	ug/l	99
3) Chloromethane	1.227	50	397753	84.522	ug/l	96
4) Vinyl Chloride	1.294	62	470882	87.425	ug/l	100
5) Bromomethane	1.478	94	284436	97.812	ug/l	94
6) Chloroethane	1.548	64	316950	88.040	ug/l	97
7) Trichlorofluoromethane	1.719	101	858690	90.105	ug/l	100
8) Diethyl Ether	1.915	74	322753	94.177	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.076	101	520098	91.272	ug/l	99
10) Methyl Iodide	2.191	142	687949	105.158	ug/l	99
11) Tert butyl alcohol	2.577	59	637542	456.972	ug/l	99
12) 1,1-Dichloroethene	2.079	96	449858	86.642	ug/l	98
13) Acrolein	2.008	56	105043	520.643	ug/l	98
14) Allyl chloride	2.352	41	755554	91.339	ug/l	100
15) Acrylonitrile	2.670	53	1638930	459.060	ug/l	99
16) Acetone	2.117	43	1263377	481.791	ug/l	98
17) Carbon Disulfide	2.249	76	811526	100.178	ug/l	99
18) Methyl Acetate	2.375	43	897756	101.189	ug/l	100
19) Methyl tert-butyl Ether	2.709	73	1831531	94.082	ug/l	99
20) Methylene Chloride	2.452	84	547436	82.291	ug/l	98
21) trans-1,2-Dichloroethene	2.696	96	464274	84.039	ug/l	98
22) Diisopropyl ether	3.211	45	1640755	99.269	ug/l	97
23) Vinyl Acetate	3.185	43	6515837	502.771	ug/l	99
24) 1,1-Dichloroethane	3.114	63	953327	88.072	ug/l	99
25) 2-Butanone	3.860	43	1905013	507.455	ug/l	98
26) 2,2-Dichloropropane	3.805	77	889236	93.831	ug/l	99
27) cis-1,2-Dichloroethene	3.812	96	605591	95.463	ug/l	99
28) Bromochloromethane	4.140	49	408624	97.525	ug/l	98
29) Tetrahydrofuran	4.230	42	1258200	507.923	ug/l	98
30) Chloroform	4.272	83	1061394	88.940	ug/l	99
31) Cyclohexane	4.577	56	627491	88.319	ug/l	96
32) 1,1,1-Trichloroethane	4.510	97	938985	90.179	ug/l	99
36) 1,1-Dichloropropene	4.738	75	612835	98.702	ug/l	99
37) Ethyl Acetate	3.969	43	735149	100.563	ug/l	99
38) Carbon Tetrachloride	4.731	117	766098	92.889	ug/l	98
39) Methylcyclohexane	6.043	83	738326	100.780	ug/l	99
40) Benzene	5.005	78	2010215	95.505	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.153	41	371126	112.030	ug/l	98
42) 1,2-Dichloroethane	5.034	62	739410	92.162	ug/l	99
43) Isopropyl Acetate	5.188	43	1184548	102.457	ug/l	100
44) Trichloroethene	5.825	130	513017	93.275	ug/l	100
45) 1,2-Dichloropropane	6.085	63	530273	95.372	ug/l	100
46) Dibromomethane	6.220	93	402079	93.465	ug/l	99
47) Bromodichloromethane	6.423	83	869067	95.189	ug/l	99
48) Methyl methacrylate	6.291	41	562472	111.092	ug/l	99
49) 1,4-Dioxane	6.284	88	231473	2130.131	ug/l	99
51) 4-Methyl-2-Pentanone	7.146	43	4098818	520.655	ug/l	100
52) Toluene	7.307	92	1335245	100.699	ug/l	100
53) t-1,3-Dichloropropene	7.571	75	865794	104.804	ug/l	98
54) cis-1,3-Dichloropropene	6.944	75	897067	100.453	ug/l	98
55) 1,1,2-Trichloroethane	7.757	97	594459	93.795	ug/l	97
56) Ethyl methacrylate	7.712	69	908312	120.603	ug/l	99
57) 1,3-Dichloropropane	7.931	76	935485	98.441	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.809	63	2798830	499.313	ug/l	99
59) 2-Hexanone	8.062	43	3096236	528.342	ug/l	98
60) Dibromochloromethane	8.165	129	718023	96.204	ug/l	97
61) 1,2-Dibromoethane	8.271	107	613766	96.126	ug/l	98
64) Tetrachloroethene	7.895	164	438160	88.595	ug/l	97
65) Chlorobenzene	8.802	112	1566661	95.081	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.895	131	611079	92.995	ug/l	99
67) Ethyl Benzene	8.934	91	2677413	109.431	ug/l	100
68) m/p-Xylenes	9.062	106	2111801	221.696	ug/l	99
69) o-Xylene	9.468	106	1020445	113.499	ug/l	98
70) Styrene	9.484	104	1840073	115.798	ug/l	99
71) Bromoform	9.651	173	528579	98.963	ug/l	97
73) Isopropylbenzene	9.853	105	2841586	104.021	ug/l	99
74) N-amyl acetate	9.722	43	1117257	111.650	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	1025709	89.642	ug/l	99
76) 1,2,3-Trichloropropane	10.197	75	789333	92.860	ug/l	83
77) Bromobenzene	10.140	156	691545	96.505	ug/l	100
78) n-propylbenzene	10.278	91	3383670	105.980	ug/l	100
79) 2-Chlorotoluene	10.349	91	1999888	98.495	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	2458792	106.733	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.927	75	365982	105.068	ug/l	97
82) 4-Chlorotoluene	10.461	91	2399481	105.717	ug/l	99
83) tert-Butylbenzene	10.789	119	2597713	107.554	ug/l	99
84) 1,2,4-Trimethylbenzene	10.837	105	2490164	109.855	ug/l	100
85) sec-Butylbenzene	11.011	105	3329696	108.016	ug/l	100
86) p-Isopropyltoluene	11.165	119	2822298	107.837	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	1412124	96.544	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	1430931	89.934	ug/l	100
89) n-Butylbenzene	11.580	91	2704788	113.208	ug/l	99
90) Hexachloroethane	11.821	117	564396	90.668	ug/l	100
91) 1,2-Dichlorobenzene	11.567	146	1381725	97.313	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.348	75	244328	94.447	ug/l	92
93) 1,2,4-Trichlorobenzene	13.184	180	953584	113.773	ug/l	99
94) Hexachlorobutadiene	13.368	225	421132	97.569	ug/l	98
95) Naphthalene	13.422	128	3417336	123.213	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	980616	112.877	ug/l	99

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

