

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW071125\
 Data File : VW038884.D
 Acq On : 11 Jul 2025 10:43
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 14 05:27:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 14 05:23:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.593	168	522372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	829660	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	779723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	467873	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.934	65	806589	126.375	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 252.760%#	
35) Dibromofluoromethane	4.494	113	745561	131.803	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 263.600%#	
50) Toluene-d8	7.233	98	2297387	134.363	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 268.720%#	
62) 4-Bromofluorobenzene	10.001	95	1034177	150.145	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 300.300%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.117	85	607610	132.380	ug/l	100
3) Chloromethane	1.227	50	630548	127.218	ug/l	97
4) Vinyl Chloride	1.298	62	736577	129.843	ug/l	99
5) Bromomethane	1.478	94	338829	83.307	ug/l	95
6) Chloroethane	1.542	64	505428	133.298	ug/l	99
7) Trichlorofluoromethane	1.716	101	1345836	134.085	ug/l	100
8) Diethyl Ether	1.915	74	519186	143.839	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.076	101	814556	135.722	ug/l	100
10) Methyl Iodide	2.191	142	1105412	160.430	ug/l	98
11) Tert butyl alcohol	2.590	59	1022309	695.727	ug/l	100
12) 1,1-Dichloroethene	2.076	96	717685	131.238	ug/l	100
13) Acrolein	2.005	56	163343	768.687	ug/l	100
14) Allyl chloride	2.352	41	1210847	138.982	ug/l	99
15) Acrylonitrile	2.670	53	2592750	689.517	ug/l	99
16) Acetone	2.117	43	2049068	741.921	ug/l	98
17) Carbon Disulfide	2.246	76	1275423	111.784	ug/l	99
18) Methyl Acetate	2.375	43	1439774	154.079	ug/l	99
19) Methyl tert-butyl Ether	2.709	73	2900096	141.442	ug/l	99
20) Methylene Chloride	2.452	84	857099	122.328	ug/l	98
21) trans-1,2-Dichloroethene	2.696	96	727277	124.992	ug/l	97
22) Diisopropyl ether	3.211	45	2599103	149.303	ug/l	91
23) Vinyl Acetate	3.182	43	10456064	766.027	ug/l	100
24) 1,1-Dichloroethane	3.111	63	1509930	132.442	ug/l	99
25) 2-Butanone	3.860	43	3077243	817.830	ug/l	97
26) 2,2-Dichloropropane	3.805	77	1385177	138.774	ug/l	99
27) cis-1,2-Dichloroethene	3.812	96	964605	144.055	ug/l	100
28) Bromochloromethane	4.140	49	637626	147.312	ug/l	99
29) Tetrahydrofuran	4.230	42	1988480	760.529	ug/l	98
30) Chloroform	4.272	83	1645815	130.942	ug/l	99
31) Cyclohexane	4.577	56	1002286	133.941	ug/l	96
32) 1,1,1-Trichloroethane	4.506	97	1463275	133.429	ug/l	99
36) 1,1-Dichloropropene	4.738	75	968548	144.603	ug/l	99
37) Ethyl Acetate	3.966	43	1170207	130.078	ug/l	99
38) Carbon Tetrachloride	4.728	117	1197501	143.028	ug/l	98
39) Methylcyclohexane	6.043	83	1194245	155.691	ug/l	98
40) Benzene	5.002	78	3159832	143.381	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.153	41	601432	194.210	ug/l	96
42) 1,2-Dichloroethane	5.034	62	1144026	136.191	ug/l	98
43) Isopropyl Acetate	5.188	43	1888811	164.093	ug/l	99
44) Trichloroethene	5.825	130	807944	140.300	ug/l	96
45) 1,2-Dichloropropane	6.085	63	845515	145.241	ug/l	100
46) Dibromomethane	6.220	93	629408	139.738	ug/l	99
47) Bromodichloromethane	6.423	83	1352315	141.468	ug/l	100
48) Methyl methacrylate	6.291	41	916938	174.560	ug/l	98
49) 1,4-Dioxane	6.284	88	375564	3483.347	ug/l	97
51) 4-Methyl-2-Pentanone	7.149	43	6435696	795.909	ug/l	100
52) Toluene	7.304	92	2104765	155.640	ug/l	99
53) t-1,3-Dichloropropene	7.571	75	1381265	164.969	ug/l	99
54) cis-1,3-Dichloropropene	6.944	75	1412643	153.897	ug/l	99
55) 1,1,2-Trichloroethane	7.757	97	918290	138.383	ug/l	99
56) Ethyl methacrylate	7.712	69	1463375	185.576	ug/l	98
57) 1,3-Dichloropropane	7.931	76	1456687	146.403	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.809	63	4210451	904.565	ug/l	100
59) 2-Hexanone	8.063	43	4888373	863.755	ug/l	98
60) Dibromochloromethane	8.165	129	1117481	143.000	ug/l	99
61) 1,2-Dibromoethane	8.272	107	962268	143.938	ug/l	97
64) Tetrachloroethene	7.895	164	678265	132.637	ug/l	97
65) Chlorobenzene	8.802	112	2460371	144.413	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.895	131	940508	138.425	ug/l	99
67) Ethyl Benzene	8.934	91	4219107	166.775	ug/l	99
68) m/p-Xylenes	9.063	106	3268894	331.888	ug/l	100
69) o-Xylene	9.468	106	1610597	173.250	ug/l	98
70) Styrene	9.484	104	2861478	174.717	ug/l	100
71) Bromoform	9.651	173	843444	152.724	ug/l	99
73) Isopropylbenzene	9.853	105	4423718	158.239	ug/l	99
74) N-amyl acetate	9.722	43	1814982	177.232	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	1589343	135.729	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	1231452	144.266	ug/l	85
77) Bromobenzene	10.140	156	1072368	146.231	ug/l	99
78) n-propylbenzene	10.278	91	5300317	162.220	ug/l	100
79) 2-Chlorotoluene	10.349	91	3118361	150.071	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	3821607	162.102	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.927	75	578596	162.313	ug/l	95
82) 4-Chlorotoluene	10.461	91	3725023	160.370	ug/l	100
83) tert-Butylbenzene	10.789	119	4084794	165.261	ug/l	99
84) 1,2,4-Trimethylbenzene	10.837	105	3848579	165.905	ug/l	100
85) sec-Butylbenzene	11.014	105	5175811	164.069	ug/l	100
86) p-Isopropyltoluene	11.165	119	4368944	163.119	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	2171621	145.078	ug/l	98
88) 1,4-Dichlorobenzene	11.194	146	2240426	137.594	ug/l	99
89) n-Butylbenzene	11.580	91	4241416	173.468	ug/l	99
90) Hexachloroethane	11.821	117	891873	140.003	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	2166691	149.111	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.349	75	396215	149.661	ug/l	94
93) 1,2,4-Trichlorobenzene	13.185	180	1539292	179.460	ug/l	100
94) Hexachlorobutadiene	13.368	225	650818	147.340	ug/l	99
95) Naphthalene	13.422	128	5470654	197.038	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	1555245	174.933	ug/l	99

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

