

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW070225\
 Data File : VW038837.D
 Acq On : 02 Jul 2025 12:17
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 03 02:26:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 02:21:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.597	168	627645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	996166	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	923801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	519209	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.934	65	990811	140.855	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 281.700%#	
35) Dibromofluoromethane	4.494	113	910303	144.265	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 288.540%#	
50) Toluene-d8	7.233	98	2926642	143.356	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 286.720%#	
62) 4-Bromofluorobenzene	9.998	95	1250840	151.653	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 303.300%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.121	85	830348	139.366	ug/l	99
3) Chloromethane	1.227	50	940779	148.479	ug/l	98
4) Vinyl Chloride	1.298	62	970345	142.738	ug/l	99
5) Bromomethane	1.481	94	554177	133.582	ug/l	97
6) Chloroethane	1.552	64	627196	137.621	ug/l	98
7) Trichlorofluoromethane	1.722	101	1650510	137.229	ug/l	98
8) Diethyl Ether	1.915	74	594636	142.076	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.076	101	969324	142.530	ug/l	100
10) Methyl Iodide	2.192	142	1409193	163.315	ug/l	99
11) Tert butyl alcohol	2.574	59	733941	799.341	ug/l	99
12) 1,1-Dichloroethene	2.079	96	895375	138.520	ug/l	99
13) Acrolein	2.005	56	182339	795.309	ug/l	98
14) Allyl chloride	2.352	41	1358950	156.335	ug/l	99
15) Acrylonitrile	2.667	53	2518579	784.154	ug/l	100
16) Acetone	2.114	43	1707240	728.300	ug/l	100
17) Carbon Disulfide	2.249	76	2056057	137.318	ug/l	99
18) Methyl Acetate	2.375	43	1258778	157.482	ug/l	99
19) Methyl tert-butyl Ether	2.706	73	3182899	159.263	ug/l	99
20) Methylene Chloride	2.452	84	1022917	132.040	ug/l	97
21) trans-1,2-Dichloroethene	2.696	96	930871	144.006	ug/l	99
22) Diisopropyl ether	3.208	45	2872901	161.208	ug/l	83
23) Vinyl Acetate	3.182	43	11089214	862.925	ug/l	100
24) 1,1-Dichloroethane	3.114	63	1728761	143.899	ug/l	99
25) 2-Butanone	3.851	43	2778455	841.178	ug/l	100
26) 2,2-Dichloropropane	3.806	77	1620447	145.531	ug/l	99
27) cis-1,2-Dichloroethene	3.812	96	1157138	153.608	ug/l	99
28) Bromochloromethane	4.140	49	694459	135.252	ug/l	# 99
29) Tetrahydrofuran	4.220	42	1865056	821.008	ug/l	99
30) Chloroform	4.272	83	1857695	141.922	ug/l	100
31) Cyclohexane	4.581	56	1352192	142.124	ug/l	99
32) 1,1,1-Trichloroethane	4.507	97	1710171	140.773	ug/l	99
36) 1,1-Dichloropropene	4.738	75	1224040	159.863	ug/l	98
37) Ethyl Acetate	3.960	43	1172352	152.284	ug/l	98
38) Carbon Tetrachloride	4.732	117	1471115	145.972	ug/l	100
39) Methylcyclohexane	6.043	83	1633172	163.135	ug/l	99
40) Benzene	5.005	78	3795614	154.551	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW070225\
 Data File : VW038837.D
 Acq On : 02 Jul 2025 12:17
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 03 02:26:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 02:21:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.146	41	608652	151.018	ug/l	95
42) 1,2-Dichloroethane	5.034	62	1327165	148.266	ug/l	99
43) Isopropyl Acetate	5.182	43	1997842	160.927	ug/l	99
44) Trichloroethene	5.825	130	1005539	152.397	ug/l	95
45) 1,2-Dichloropropane	6.085	63	949231	149.491	ug/l	97
46) Dibromomethane	6.220	93	730024	145.786	ug/l	99
47) Bromodichloromethane	6.423	83	1521558	143.501	ug/l	98
48) Methyl methacrylate	6.288	41	966995	172.247	ug/l	99
49) 1,4-Dioxane	6.281	88	268088	3382.843	ug/l	99
51) 4-Methyl-2-Pentanone	7.146	43	6220035	803.542	ug/l	99
52) Toluene	7.304	92	2494866	157.936	ug/l	98
53) t-1,3-Dichloropropene	7.568	75	1605279	162.964	ug/l	98
54) cis-1,3-Dichloropropene	6.944	75	1659356	159.877	ug/l	99
55) 1,1,2-Trichloroethane	7.757	97	995762	144.154	ug/l	97
56) Ethyl methacrylate	7.709	69	1606122	176.740	ug/l	100
57) 1,3-Dichloropropane	7.931	76	1631374	149.920	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	3208405	808.690	ug/l	100
59) 2-Hexanone	8.063	43	4510167	803.659	ug/l	100
60) Dibromochloromethane	8.166	129	1251657	143.912	ug/l	99
61) 1,2-Dibromoethane	8.272	107	1078260	153.677	ug/l	100
64) Tetrachloroethene	7.895	164	847379	142.643	ug/l	99
65) Chlorobenzene	8.802	112	2875097	147.680	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.895	131	1049507	144.363	ug/l	98
67) Ethyl Benzene	8.934	91	4940923	161.986	ug/l	99
68) m/p-Xylenes	9.063	106	3848246	329.387	ug/l	98
69) o-Xylene	9.468	106	1855088	166.195	ug/l	100
70) Styrene	9.484	104	3248501	166.453	ug/l	100
71) Bromoform	9.651	173	902516	152.774	ug/l #	100
73) Isopropylbenzene	9.854	105	5021027	164.779	ug/l	100
74) N-amyl acetate	9.722	43	1896841	182.001	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.166	83	1595863	144.467	ug/l	98
76) 1,2,3-Trichloropropane	10.198	75	1175459	146.323	ug/l	94
77) Bromobenzene	10.140	156	1218346	154.992	ug/l	99
78) n-propylbenzene	10.278	91	5941495	163.847	ug/l	100
79) 2-Chlorotoluene	10.349	91	3485783	158.284	ug/l	100
80) 1,3,5-Trimethylbenzene	10.465	105	4344294	166.744	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.928	75	616662	163.399	ug/l	97
82) 4-Chlorotoluene	10.461	91	4189347	165.012	ug/l	99
83) tert-Butylbenzene	10.789	119	4498608	166.479	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	4349234	170.319	ug/l	100
85) sec-Butylbenzene	11.014	105	5722218	166.335	ug/l	100
86) p-Isopropyltoluene	11.165	119	4880518	165.470	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	2440035	152.685	ug/l	98
88) 1,4-Dichlorobenzene	11.194	146	2475213	146.994	ug/l	100
89) n-Butylbenzene	11.580	91	4708425	172.247	ug/l	98
90) Hexachloroethane	11.821	117	961868	150.236	ug/l	100
91) 1,2-Dichlorobenzene	11.567	146	2395310	159.022	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.349	75	376137	160.825	ug/l	97
93) 1,2,4-Trichlorobenzene	13.185	180	1728341	177.019	ug/l	100
94) Hexachlorobutadiene	13.368	225	722750	153.396	ug/l	97
95) Naphthalene	13.423	128	5646278	181.782	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	1720034	170.710	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070225\
Data File : VV038837.D
Acq On : 02 Jul 2025 12:17
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC150

Quant Time: Jul 03 02:26:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 02:21:38 2025
Response via : Initial Calibration

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

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

Quant Time: Jul 03 02:26:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 02:21:38 2025
Response via : Initial Calibration

