

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070325\
 Data File : VV038856.D
 Acq On : 03 Jul 2025 13:05
 Operator : SY/MD
 Sample : VV0703WBS01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0703WBS01

Quant Time: Jul 04 03:54:12 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	4.600	168	490976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	783380	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	739799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	421953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	263021	47.800	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	95.600%
35) Dibromofluoromethane	4.500	113	240047	48.376	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	96.760%
50) Toluene-d8	7.236	98	768221	47.851	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	95.700%
62) 4-Bromofluorobenzene	10.002	95	344230	53.071	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	106.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.118	85	87754	18.829	ug/l	100
3) Chloromethane	1.227	50	94971	18.272	ug/l	99
4) Vinyl Chloride	1.294	62	100467	18.893	ug/l	97
5) Bromomethane	1.494	94	72597	22.370	ug/l	97
6) Chloroethane	1.558	64	69165	19.401	ug/l	100
7) Trichlorofluoromethane	1.725	101	181338	19.274	ug/l	99
8) Diethyl Ether	1.918	74	62012	18.941	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.079	101	101957	19.165	ug/l	97
10) Methyl Iodide	2.195	142	123566	18.307	ug/l	99
11) Tert butyl alcohol	2.558	59	79751	111.035	ug/l	99
12) 1,1-Dichloroethene	2.079	96	95517	18.890	ug/l	97
13) Acrolein	2.011	56	22027	122.819	ug/l	92
14) Allyl chloride	2.359	41	132127	19.431	ug/l	98
15) Acrylonitrile	2.674	53	269866	107.411	ug/l	98
16) Acetone	2.118	43	203043	110.728	ug/l	98
17) Carbon Disulfide	2.253	76	216446	18.480	ug/l	100
18) Methyl Acetate	2.381	43	129288	20.677	ug/l	100
19) Methyl tert-butyl Ether	2.706	73	319851	20.459	ug/l	100
20) Methylene Chloride	2.455	84	112022	18.485	ug/l	98
21) trans-1,2-Dichloroethene	2.703	96	99940	19.764	ug/l	98
22) Diisopropyl ether	3.211	45	307996	22.094	ug/l	97
23) Vinyl Acetate	3.188	43	1041658	103.622	ug/l	99
24) 1,1-Dichloroethane	3.118	63	189742	20.190	ug/l	97
25) 2-Butanone	3.864	43	292191	107.752	ug/l	98
26) 2,2-Dichloropropane	3.809	77	167407	19.220	ug/l	99
27) cis-1,2-Dichloroethene	3.825	96	120739	20.489	ug/l	99
28) Bromochloromethane	4.146	49	79229	19.726	ug/l	98
29) Tetrahydrofuran	4.233	42	195622	106.517	ug/l	98
30) Chloroform	4.275	83	211113	20.618	ug/l	100
31) Cyclohexane	4.584	56	141777	19.050	ug/l	98
32) 1,1,1-Trichloroethane	4.510	97	190894	20.088	ug/l	98
36) 1,1-Dichloropropene	4.745	75	118281	19.644	ug/l	98
37) Ethyl Acetate	3.979	43	119725	19.486	ug/l #	93
38) Carbon Tetrachloride	4.735	117	158802	20.037	ug/l	98
39) Methylcyclohexane	6.047	83	144283	18.327	ug/l	96
40) Benzene	5.011	78	410227	20.632	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.166	41	50569	19.739	ug/l	96
42) 1,2-Dichloroethane	5.044	62	148760	21.133	ug/l	100
43) Isopropyl Acetate	5.191	43	191627	19.550	ug/l	97
44) Trichloroethene	5.835	130	103564	19.959	ug/l	98
45) 1,2-Dichloropropane	6.092	63	104330	20.893	ug/l	99
46) Dibromomethane	6.230	93	78121	19.838	ug/l	99
47) Bromodichloromethane	6.426	83	169579	20.338	ug/l	97
48) Methyl methacrylate	6.301	41	83954	18.013	ug/l	96
49) 1,4-Dioxane	6.288	88	29776	460.906	ug/l	97
51) 4-Methyl-2-Pentanone	7.146	43	669242	108.198	ug/l	99
52) Toluene	7.307	92	267948	21.570	ug/l	100
53) t-1,3-Dichloropropene	7.577	75	160477	20.103	ug/l	99
54) cis-1,3-Dichloropropene	6.950	75	171063	20.959	ug/l	98
55) 1,1,2-Trichloroethane	7.760	97	113238	20.846	ug/l	97
56) Ethyl methacrylate	7.715	69	140900	19.716	ug/l	100
57) 1,3-Dichloropropane	7.934	76	177501	20.743	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.812	63	326234	100.536	ug/l	99
59) 2-Hexanone	8.063	43	464594	106.492	ug/l	97
60) Dibromochloromethane	8.169	129	138229	20.210	ug/l	99
61) 1,2-Dibromoethane	8.275	107	118063	21.008	ug/l	99
64) Tetrachloroethene	7.896	164	91257	19.182	ug/l	96
65) Chlorobenzene	8.805	112	307646	19.733	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.895	131	115798	19.890	ug/l	98
67) Ethyl Benzene	8.937	91	485503	19.876	ug/l	99
68) m/p-Xylenes	9.063	106	393960	42.108	ug/l	98
69) o-Xylene	9.468	106	174837	19.559	ug/l	97
70) Styrene	9.487	104	326393	20.913	ug/l	99
71) Bromoform	9.654	173	96512	20.400	ug/l #	100
73) Isopropylbenzene	9.857	105	508775	20.545	ug/l	99
74) N-amyl acetate	9.725	43	165840	19.133	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.166	83	186269	20.749	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	129963	19.907	ug/l	97
77) Bromobenzene	10.143	156	129422	20.259	ug/l	98
78) n-propylbenzene	10.278	91	606353	20.575	ug/l	100
79) 2-Chlorotoluene	10.349	91	370222	20.686	ug/l	100
80) 1,3,5-Trimethylbenzene	10.465	105	433118	20.456	ug/l	97
81) trans-1,4-Dichloro-2-b...	9.931	75	58914	19.209	ug/l	97
82) 4-Chlorotoluene	10.465	91	428527	20.769	ug/l	99
83) tert-Butylbenzene	10.789	119	431690	19.658	ug/l	98
84) 1,2,4-Trimethylbenzene	10.841	105	433337	20.881	ug/l	100
85) sec-Butylbenzene	11.011	105	564851	20.204	ug/l	100
86) p-Isopropyltoluene	11.169	119	481657	20.094	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	260039	20.022	ug/l	99
88) 1,4-Dichlorobenzene	11.198	146	270337	19.755	ug/l	98
89) n-Butylbenzene	11.580	91	440882	19.846	ug/l	99
90) Hexachloroethane	11.821	117	99828	19.186	ug/l	95
91) 1,2-Dichlorobenzene	11.567	146	241311	19.713	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	38212	20.104	ug/l	94
93) 1,2,4-Trichlorobenzene	13.185	180	150917	19.020	ug/l	100
94) Hexachlorobutadiene	13.368	225	69863	18.245	ug/l	99
95) Naphthalene	13.426	128	463752	18.372	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	156443	19.105	ug/l	99

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

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