

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070725\
 Data File : VV038868.D
 Acq On : 07 Jul 2025 13:31
 Operator : SY/MD
 Sample : VV0707WBS01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0707WBS01

Quant Time: Jul 08 02:39:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 08 02:37:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.597	168	495324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	803542	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	756371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	436411	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	286645	51.636	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 103.280%	
35) Dibromofluoromethane	4.497	113	259587	51.001	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 102.000%	
50) Toluene-d8	7.233	98	811123	49.256	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 98.520%	
62) 4-Bromofluorobenzene	9.998	95	369190	55.491	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 110.980%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.118	85	88067	18.730	ug/l	98
3) Chloromethane	1.227	50	91185	15.806	ug/l	100
4) Vinyl Chloride	1.294	62	98915	18.437	ug/l	96
5) Bromomethane	1.494	94	77678	23.726	ug/l	98
6) Chloroethane	1.558	64	69942	19.447	ug/l	97
7) Trichlorofluoromethane	1.725	101	180192	18.984	ug/l	98
8) Diethyl Ether	1.918	74	67531	20.445	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.079	101	106946	19.926	ug/l	99
10) Methyl Iodide	2.195	142	115301	16.932	ug/l	99
11) Tert butyl alcohol	2.558	59	91959	126.908	ug/l	99
12) 1,1-Dichloroethene	2.082	96	94457	18.517	ug/l	96
13) Acrolein	2.011	56	21144	116.861	ug/l	93
14) Allyl chloride	2.356	41	138727	20.223	ug/l	96
15) Acrylonitrile	2.671	53	297547	117.389	ug/l	100
16) Acetone	2.118	43	242238	130.943	ug/l	96
17) Carbon Disulfide	2.253	76	189788	16.061	ug/l	100
18) Methyl Acetate	2.378	43	150805	23.907	ug/l	98
19) Methyl tert-butyl Ether	2.706	73	354225	22.459	ug/l	99
20) Methylene Chloride	2.455	84	122572	20.048	ug/l	97
21) trans-1,2-Dichloroethene	2.700	96	100225	19.647	ug/l	94
22) Diisopropyl ether	3.208	45	334023	23.750	ug/l	94
23) Vinyl Acetate	3.188	43	1146920	113.092	ug/l	98
24) 1,1-Dichloroethane	3.118	63	199929	21.087	ug/l	99
25) 2-Butanone	3.860	43	335787	122.742	ug/l	99
26) 2,2-Dichloropropane	3.809	77	174302	19.836	ug/l	99
27) cis-1,2-Dichloroethene	3.818	96	124436	20.932	ug/l	97
28) Bromochloromethane	4.143	49	85946	21.210	ug/l	98
29) Tetrahydrofuran	4.230	42	214607	115.828	ug/l	96
30) Chloroform	4.275	83	226855	21.961	ug/l	98
31) Cyclohexane	4.584	56	139248	18.546	ug/l	97
32) 1,1,1-Trichloroethane	4.510	97	198314	20.685	ug/l	98
36) 1,1-Dichloropropene	4.745	75	122554	19.843	ug/l	98
37) Ethyl Acetate	3.976	43	132297	20.992	ug/l	96
38) Carbon Tetrachloride	4.732	117	164061	20.181	ug/l	98
39) Methylcyclohexane	6.047	83	142127	17.600	ug/l	99
40) Benzene	5.008	78	416806	20.437	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.163	41	55459	20.493	ug/l	91
42) 1,2-Dichloroethane	5.040	62	153457	21.253	ug/l	99
43) Isopropyl Acetate	5.188	43	198945	19.787	ug/l	99
44) Trichloroethene	5.835	130	105810	19.880	ug/l	95
45) 1,2-Dichloropropane	6.088	63	110093	21.494	ug/l	98
46) Dibromomethane	6.227	93	83663	20.713	ug/l	97
47) Bromodichloromethane	6.426	83	178284	20.845	ug/l	98
48) Methyl methacrylate	6.298	41	95470	19.970	ug/l	97
49) 1,4-Dioxane	6.285	88	33743	509.206	ug/l	97
51) 4-Methyl-2-Pentanone	7.143	43	744368	117.324	ug/l	98
52) Toluene	7.307	92	275976	21.659	ug/l	97
53) t-1,3-Dichloropropene	7.574	75	169023	20.643	ug/l	99
54) cis-1,3-Dichloropropene	6.947	75	179487	21.439	ug/l	99
55) 1,1,2-Trichloroethane	7.760	97	122991	22.073	ug/l	99
56) Ethyl methacrylate	7.715	69	156327	21.326	ug/l	97
57) 1,3-Dichloropropane	7.934	76	189631	21.604	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	322383	96.856	ug/l	98
59) 2-Hexanone	8.063	43	519126	116.006	ug/l	99
60) Dibromochloromethane	8.166	129	148382	21.150	ug/l	100
61) 1,2-Dibromoethane	8.275	107	126066	21.869	ug/l	99
64) Tetrachloroethene	7.896	164	95585	19.652	ug/l	99
65) Chlorobenzene	8.805	112	322130	20.209	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.899	131	126212	21.204	ug/l	98
67) Ethyl Benzene	8.937	91	507013	20.302	ug/l	100
68) m/p-Xylenes	9.063	106	408182	42.672	ug/l	100
69) o-Xylene	9.468	106	186496	20.406	ug/l	100
70) Styrene	9.487	104	338543	21.217	ug/l	99
71) Bromoform	9.654	173	104464	21.597	ug/l #	99
73) Isopropylbenzene	9.857	105	529345	20.668	ug/l	99
74) N-amyl acetate	9.725	43	189998	21.194	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.166	83	200653	21.610	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	142841	21.155	ug/l	95
77) Bromobenzene	10.140	156	140364	21.244	ug/l	97
78) n-propylbenzene	10.278	91	635830	20.861	ug/l	100
79) 2-Chlorotoluene	10.349	91	390839	21.114	ug/l	100
80) 1,3,5-Trimethylbenzene	10.465	105	462920	21.139	ug/l	98
81) trans-1,4-Dichloro-2-b...	9.931	75	63231	19.933	ug/l	94
82) 4-Chlorotoluene	10.461	91	459388	21.528	ug/l	100
83) tert-Butylbenzene	10.789	119	462271	20.353	ug/l	98
84) 1,2,4-Trimethylbenzene	10.841	105	460247	21.443	ug/l	99
85) sec-Butylbenzene	11.011	105	599870	20.745	ug/l	100
86) p-Isopropyltoluene	11.165	119	511161	20.618	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	275665	20.522	ug/l	98
88) 1,4-Dichlorobenzene	11.198	146	296398	20.942	ug/l	99
89) n-Butylbenzene	11.580	91	468192	20.377	ug/l	99
90) Hexachloroethane	11.818	117	106183	19.731	ug/l	97
91) 1,2-Dichlorobenzene	11.567	146	263430	20.807	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	40091	20.394	ug/l	100
93) 1,2,4-Trichlorobenzene	13.188	180	162980	19.860	ug/l	99
94) Hexachlorobutadiene	13.368	225	76952	19.431	ug/l	96
95) Naphthalene	13.426	128	518020	19.842	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	170508	20.133	ug/l	99

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

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