

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
 Data File : VV038985.D
 Acq On : 21 Aug 2025 17:09
 Operator : SY/MD
 Sample : VV0821WBS01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0821WBS01

Quant Time: Aug 22 04:32:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 04:15:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.597	168	490499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	863998	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	809489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	439751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	378198	54.950	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 109.900%	
35) Dibromofluoromethane	4.500	113	289989	44.755	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 89.500%	
50) Toluene-d8	7.233	98	1120711	49.601	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 99.200%	
62) 4-Bromofluorobenzene	10.001	95	403171	48.777	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 97.560%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	126862	17.302	ug/l	99
3) Chloromethane	1.230	50	119286	15.750	ug/l	100
4) Vinyl Chloride	1.298	62	127570	15.963	ug/l	97
5) Bromomethane	1.497	94	82207	19.034	ug/l	94
6) Chloroethane	1.561	64	78834	19.359	ug/l	95
7) Trichlorofluoromethane	1.725	101	207921	18.992	ug/l	97
8) Diethyl Ether	1.918	74	67135	19.941	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.079	101	112416	18.602	ug/l	98
10) Methyl Iodide	2.195	142	153006	20.351	ug/l	97
11) Tert butyl alcohol	2.561	59	104440	112.116	ug/l	99
12) 1,1-Dichloroethene	2.082	96	106621	19.153	ug/l	98
13) Acrolein	2.011	56	34904	105.069	ug/l	99
14) Allyl chloride	2.355	41	145620	19.592	ug/l	96
15) Acrylonitrile	2.674	53	281151	99.869	ug/l	98
16) Acetone	2.118	43	259902	94.087	ug/l	99
17) Carbon Disulfide	2.253	76	297924	19.242	ug/l	100
18) Methyl Acetate	2.381	43	120330	20.552	ug/l	95
19) Methyl tert-butyl Ether	2.709	73	333812	20.280	ug/l	97
20) Methylene Chloride	2.455	84	120112	18.711	ug/l	95
21) trans-1,2-Dichloroethene	2.703	96	109755	18.929	ug/l	99
22) Diisopropyl ether	3.211	45	305126	18.698	ug/l	91
23) Vinyl Acetate	3.188	43	1225637	93.602	ug/l	97
24) 1,1-Dichloroethane	3.118	63	192803	17.836	ug/l	99
25) 2-Butanone	3.863	43	338988	94.317	ug/l	99
26) 2,2-Dichloropropane	3.812	77	176923	17.061	ug/l	98
27) cis-1,2-Dichloroethene	3.822	96	124971	17.858	ug/l	97
28) Bromochloromethane	4.150	49	38443	15.980	ug/l	94
29) Tetrahydrofuran	4.230	42	233606	97.368	ug/l	94
30) Chloroform	4.278	83	223556	18.097	ug/l	100
31) Cyclohexane	4.584	56	175605	18.207	ug/l	97
32) 1,1,1-Trichloroethane	4.510	97	204070	17.584	ug/l	97
36) 1,1-Dichloropropene	4.744	75	147297	17.505	ug/l	99
37) Ethyl Acetate	3.976	43	131474	15.992	ug/l	94
38) Carbon Tetrachloride	4.735	117	185761	16.485	ug/l	94
39) Methylcyclohexane	6.047	83	201515	18.742	ug/l	94
40) Benzene	5.008	78	506623	19.222	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.162	41	52385	16.909	ug/l	96
42) 1,2-Dichloroethane	5.040	62	177582	18.430	ug/l	100
43) Isopropyl Acetate	5.191	43	246073	19.616	ug/l	96
44) Trichloroethene	5.834	130	129020	18.047	ug/l	96
45) 1,2-Dichloropropane	6.088	63	122779	19.424	ug/l	97
46) Dibromomethane	6.227	93	93037	17.542	ug/l	97
47) Bromodichloromethane	6.426	83	195577	18.119	ug/l	100
48) Methyl methacrylate	6.297	41	111903	19.900	ug/l	94
49) 1,4-Dioxane	6.291	88	41073	436.826	ug/l	98
51) 4-Methyl-2-Pentanone	7.146	43	883916	107.313	ug/l	97
52) Toluene	7.307	92	323065	19.355	ug/l	99
53) t-1,3-Dichloropropene	7.574	75	180247	17.863	ug/l	99
54) cis-1,3-Dichloropropene	6.947	75	203555	19.469	ug/l	98
55) 1,1,2-Trichloroethane	7.760	97	128045	17.594	ug/l	98
56) Ethyl methacrylate	7.715	69	167296	16.176	ug/l	99
57) 1,3-Dichloropropane	7.934	76	206105	18.162	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.809	63	458173	94.808	ug/l	96
59) 2-Hexanone	8.063	43	638602	82.678	ug/l	98
60) Dibromochloromethane	8.166	129	150787	17.159	ug/l	97
61) 1,2-Dibromoethane	8.275	107	138439	18.335	ug/l	99
64) Tetrachloroethene	7.895	164	112260	18.638	ug/l	99
65) Chlorobenzene	8.805	112	351260	17.997	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.899	131	129238	18.446	ug/l	98
67) Ethyl Benzene	8.937	91	568699	19.087	ug/l	99
68) m/p-Xylenes	9.063	106	421252	36.403	ug/l	100
69) o-Xylene	9.468	106	206223	19.553	ug/l	98
70) Styrene	9.487	104	368409	20.360	ug/l	100
71) Bromoform	9.654	173	107247	18.578	ug/l #	99
73) Isopropylbenzene	9.857	105	582248	19.732	ug/l	100
74) N-amyl acetate	9.725	43	213401	19.739	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	209056	17.839	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	153953	18.874	ug/l	98
77) Bromobenzene	10.143	156	144042	18.999	ug/l	99
78) n-propylbenzene	10.278	91	693650	19.688	ug/l	99
79) 2-Chlorotoluene	10.349	91	422932	19.993	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	494427	19.910	ug/l	98
81) trans-1,4-Dichloro-2-b...	9.931	75	69104	19.451	ug/l	98
82) 4-Chlorotoluene	10.464	91	484923	19.889	ug/l	100
83) tert-Butylbenzene	10.789	119	478883	19.421	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	485595	20.434	ug/l	99
85) sec-Butylbenzene	11.011	105	630180	19.651	ug/l	99
86) p-Isopropyltoluene	11.169	119	538824	19.952	ug/l	99
87) 1,3-Dichlorobenzene	11.108	146	278315	18.590	ug/l	99
88) 1,4-Dichlorobenzene	11.198	146	299436	18.750	ug/l	99
89) n-Butylbenzene	11.580	91	483857	18.390	ug/l	99
90) Hexachloroethane	11.821	117	112062	17.955	ug/l	98
91) 1,2-Dichlorobenzene	11.567	146	265789	18.619	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	43564	19.113	ug/l	97
93) 1,2,4-Trichlorobenzene	13.185	180	145129	17.037	ug/l	99
94) Hexachlorobutadiene	13.368	225	71734	16.334	ug/l	98
95) Naphthalene	13.426	128	473656	17.619	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	158178	18.415	ug/l	97

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

