

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
 Data File : VV038986.D
 Acq On : 21 Aug 2025 17:30
 Operator : SY/MD
 Sample : VV0821WBSD01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0821WBSD01

Quant Time: Aug 22 04:33:46 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	4.600	168	484688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	811429	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	760113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	414371	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	348406	51.229	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 102.460%	
35) Dibromofluoromethane	4.503	113	299437	49.207	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 98.420%	
50) Toluene-d8	7.236	98	1038226	48.927	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 97.860%	
62) 4-Bromofluorobenzene	10.001	95	380040	48.957	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 97.920%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	129284	17.843	ug/l	99
3) Chloromethane	1.227	50	134516	17.973	ug/l	97
4) Vinyl Chloride	1.294	62	144324	18.276	ug/l	99
5) Bromomethane	1.497	94	82466	19.323	ug/l	93
6) Chloroethane	1.561	64	76591	19.033	ug/l	95
7) Trichlorofluoromethane	1.725	101	198661	18.363	ug/l	100
8) Diethyl Ether	1.918	74	62989	18.933	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.079	101	104100	17.433	ug/l	98
10) Methyl Iodide	2.195	142	143568	19.324	ug/l	98
11) Tert butyl alcohol	2.564	59	100539	109.223	ug/l	97
12) 1,1-Dichloroethene	2.082	96	101714	18.491	ug/l	96
13) Acrolein	2.008	56	33633	101.967	ug/l	99
14) Allyl chloride	2.359	41	138354	18.838	ug/l	97
15) Acrylonitrile	2.674	53	284328	102.208	ug/l	99
16) Acetone	2.118	43	251239	92.041	ug/l	98
17) Carbon Disulfide	2.253	76	279496	18.268	ug/l	100
18) Methyl Acetate	2.381	43	118850	20.542	ug/l	97
19) Methyl tert-butyl Ether	2.709	73	336343	20.678	ug/l	100
20) Methylene Chloride	2.458	84	111198	17.530	ug/l	96
21) trans-1,2-Dichloroethene	2.703	96	108816	18.992	ug/l	99
22) Diisopropyl ether	3.214	45	306886	19.031	ug/l	92
23) Vinyl Acetate	3.191	43	1264706	97.744	ug/l	99
24) 1,1-Dichloroethane	3.121	63	192402	18.012	ug/l	98
25) 2-Butanone	3.867	43	432465	121.768	ug/l	97
26) 2,2-Dichloropropane	3.815	77	199439	19.463	ug/l	99
27) cis-1,2-Dichloroethene	3.825	96	141887	20.518	ug/l	96
28) Bromochloromethane	4.150	49	43842	18.973	ug/l	91
29) Tetrahydrofuran	4.233	42	284325	119.929	ug/l	91
30) Chloroform	4.281	83	247192	20.251	ug/l	99
31) Cyclohexane	4.587	56	196088	20.575	ug/l	94
32) 1,1,1-Trichloroethane	4.513	97	220064	19.189	ug/l	99
36) 1,1-Dichloropropene	4.748	75	155981	19.737	ug/l	95
37) Ethyl Acetate	3.979	43	166024	21.502	ug/l	95
38) Carbon Tetrachloride	4.738	117	190841	18.033	ug/l	100
39) Methylcyclohexane	6.047	83	193000	19.113	ug/l	94
40) Benzene	5.015	78	494339	19.971	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.169	41	68265	23.463	ug/l	94
42) 1,2-Dichloroethane	5.043	62	175431	19.387	ug/l	99
43) Isopropyl Acetate	5.195	43	253009	21.475	ug/l	97
44) Trichloroethene	5.834	130	127969	19.060	ug/l	98
45) 1,2-Dichloropropane	6.092	63	123824	20.859	ug/l	96
46) Dibromomethane	6.230	93	96227	19.318	ug/l	94
47) Bromodichloromethane	6.429	83	192054	18.945	ug/l	96
48) Methyl methacrylate	6.301	41	110496	20.923	ug/l	96
49) 1,4-Dioxane	6.291	88	40268	456.010	ug/l	92
51) 4-Methyl-2-Pentanone	7.146	43	900583	116.420	ug/l	97
52) Toluene	7.310	92	318800	20.337	ug/l	100
53) t-1,3-Dichloropropene	7.577	75	183850	19.400	ug/l	99
54) cis-1,3-Dichloropropene	6.950	75	199956	20.364	ug/l	98
55) 1,1,2-Trichloroethane	7.760	97	127276	18.621	ug/l	96
56) Ethyl methacrylate	7.715	69	173607	17.661	ug/l	99
57) 1,3-Dichloropropane	7.934	76	207333	19.454	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.812	63	474511	103.890	ug/l	96
59) 2-Hexanone	8.063	43	647810	88.693	ug/l	98
60) Dibromochloromethane	8.169	129	155630	18.857	ug/l	99
61) 1,2-Dibromoethane	8.275	107	138444	19.524	ug/l	99
64) Tetrachloroethene	7.899	164	111119	19.646	ug/l	96
65) Chlorobenzene	8.805	112	347626	18.968	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.899	131	129075	19.619	ug/l	98
67) Ethyl Benzene	8.937	91	555564	19.857	ug/l	99
68) m/p-Xylenes	9.063	106	453688	41.753	ug/l	100
69) o-Xylene	9.468	106	203023	20.500	ug/l	99
70) Styrene	9.487	104	362488	21.334	ug/l	99
71) Bromoform	9.657	173	103934	19.174	ug/l #	99
73) Isopropylbenzene	9.857	105	571982	20.571	ug/l	99
74) N-amyl acetate	9.725	43	219302	21.527	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	210122	19.028	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	150658	19.602	ug/l	99
77) Bromobenzene	10.143	156	141414	19.795	ug/l	99
78) n-propylbenzene	10.278	91	679753	20.476	ug/l	99
79) 2-Chlorotoluene	10.349	91	409262	20.532	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	487343	20.827	ug/l	98
81) trans-1,4-Dichloro-2-b...	9.931	75	67887	20.278	ug/l	94
82) 4-Chlorotoluene	10.464	91	480299	20.906	ug/l	99
83) tert-Butylbenzene	10.789	119	474017	20.401	ug/l	100
84) 1,2,4-Trimethylbenzene	10.841	105	483599	21.596	ug/l	100
85) sec-Butylbenzene	11.014	105	631791	20.908	ug/l	100
86) p-Isopropyltoluene	11.169	119	529335	20.801	ug/l	100
87) 1,3-Dichlorobenzene	11.108	146	279572	19.818	ug/l	100
88) 1,4-Dichlorobenzene	11.198	146	290749	19.322	ug/l	100
89) n-Butylbenzene	11.580	91	480113	19.365	ug/l	98
90) Hexachloroethane	11.821	117	109748	18.661	ug/l	98
91) 1,2-Dichlorobenzene	11.567	146	262560	19.519	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	36968	17.213	ug/l	97
93) 1,2,4-Trichlorobenzene	13.185	180	142290	17.726	ug/l	99
94) Hexachlorobutadiene	13.371	225	69497	16.794	ug/l	99
95) Naphthalene	13.426	128	467573	18.458	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	148001	18.286	ug/l	99

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

