

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070225\
 Data File : VV038844.D
 Acq On : 02 Jul 2025 16:38
 Operator : SY/MD
 Sample : VV0702WBSD01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0702WBSD01

Quant Time: Jul 03 03:02:56 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	530563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	853174	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	797479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	445540	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	266694	44.851	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	89.700%
35) Dibromofluoromethane	4.503	113	237575	43.961	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	87.920%
50) Toluene-d8	7.236	98	756762	43.281	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	86.560%#
62) 4-Bromofluorobenzene	10.002	95	311029	44.029	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	88.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	81637	16.209	ug/l	97
3) Chloromethane	1.230	50	90520	15.995	ug/l	97
4) Vinyl Chloride	1.298	62	96863	16.856	ug/l	98
5) Bromomethane	1.500	94	64872	18.498	ug/l	94
6) Chloroethane	1.561	64	61267	15.903	ug/l	94
7) Trichlorofluoromethane	1.729	101	166820	16.408	ug/l	98
8) Diethyl Ether	1.918	74	55278	15.624	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.082	101	93235	16.218	ug/l	98
10) Methyl Iodide	2.198	142	114293	15.669	ug/l	98
11) Tert butyl alcohol	2.561	59	77294	99.585	ug/l	100
12) 1,1-Dichloroethene	2.082	96	87417	15.999	ug/l	98
13) Acrolein	2.011	56	20163	104.037	ug/l	92
14) Allyl chloride	2.362	41	124208	16.904	ug/l	98
15) Acrylonitrile	2.677	53	251905	92.781	ug/l	99
16) Acetone	2.121	43	198007	99.925	ug/l	98
17) Carbon Disulfide	2.256	76	198920	15.716	ug/l	99
18) Methyl Acetate	2.384	43	123270	18.244	ug/l	100
19) Methyl tert-butyl Ether	2.709	73	292341	17.305	ug/l	99
20) Methylene Chloride	2.458	84	103762	15.845	ug/l	98
21) trans-1,2-Dichloroethene	2.706	96	91116	16.675	ug/l	95
22) Diisopropyl ether	3.214	45	272592	18.095	ug/l	91
23) Vinyl Acetate	3.195	43	977604	89.994	ug/l	96
24) 1,1-Dichloroethane	3.121	63	172411	16.977	ug/l	99
25) 2-Butanone	3.867	43	275912	94.157	ug/l	99
26) 2,2-Dichloropropane	3.812	77	156433	16.620	ug/l	99
27) cis-1,2-Dichloroethene	3.825	96	109384	17.178	ug/l	97
28) Bromochloromethane	4.153	49	73328	16.894	ug/l	97
29) Tetrahydrofuran	4.233	42	181795	91.602	ug/l	98
30) Chloroform	4.281	83	196715	17.778	ug/l	94
31) Cyclohexane	4.587	56	130729	16.255	ug/l #	90
32) 1,1,1-Trichloroethane	4.513	97	174910	17.032	ug/l	99
36) 1,1-Dichloropropene	4.751	75	112280	17.122	ug/l	99
37) Ethyl Acetate	3.986	43	111752	16.701	ug/l #	93
38) Carbon Tetrachloride	4.738	117	145524	16.860	ug/l	96
39) Methylcyclohexane	6.050	83	139133	16.227	ug/l	95
40) Benzene	5.015	78	369021	17.042	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.169	41	46131	17.221	ug/l	95
42) 1,2-Dichloroethane	5.043	62	138407	18.054	ug/l	99
43) Isopropyl Acetate	5.195	43	175556	16.445	ug/l	99
44) Trichloroethene	5.838	130	95089	16.827	ug/l	97
45) 1,2-Dichloropropane	6.092	63	88488	16.271	ug/l	94
46) Dibromomethane	6.230	93	72085	16.808	ug/l	99
47) Bromodichloromethane	6.429	83	149274	16.438	ug/l	97
48) Methyl methacrylate	6.301	41	77951	15.357	ug/l	95
49) 1,4-Dioxane	6.291	88	27460	390.285	ug/l	96
51) 4-Methyl-2-Pentanone	7.146	43	616602	91.532	ug/l	99
52) Toluene	7.310	92	241071	17.819	ug/l	99
53) t-1,3-Dichloropropene	7.577	75	146307	16.829	ug/l	99
54) cis-1,3-Dichloropropene	6.953	75	154716	17.405	ug/l	100
55) 1,1,2-Trichloroethane	7.764	97	101601	17.174	ug/l	98
56) Ethyl methacrylate	7.719	69	128567	16.519	ug/l	98
57) 1,3-Dichloropropane	7.937	76	164032	17.601	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.815	63	273991	77.529	ug/l	100
59) 2-Hexanone	8.066	43	432915	91.113	ug/l	99
60) Dibromochloromethane	8.169	129	127561	17.125	ug/l	99
61) 1,2-Dibromoethane	8.275	107	110277	18.017	ug/l	99
64) Tetrachloroethene	7.899	164	83701	16.322	ug/l	98
65) Chlorobenzene	8.805	112	284785	16.945	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.899	131	104617	16.670	ug/l	96
67) Ethyl Benzene	8.937	91	442656	16.811	ug/l	100
68) m/p-Xylenes	9.066	106	352824	34.983	ug/l	100
69) o-Xylene	9.471	106	164763	17.099	ug/l	96
70) Styrene	9.487	104	292489	17.386	ug/l	99
71) Bromoform	9.657	173	88477	17.349	ug/l	98
73) Isopropylbenzene	9.857	105	460858	17.625	ug/l	100
74) N-amyl acetate	9.725	43	154745	16.908	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.165	83	169417	17.872	ug/l	100
76) 1,2,3-Trichloropropane	10.201	75	118967	17.258	ug/l	99
77) Bromobenzene	10.143	156	120490	17.863	ug/l	95
78) n-propylbenzene	10.278	91	547049	17.580	ug/l	99
79) 2-Chlorotoluene	10.349	91	329209	17.421	ug/l	98
80) 1,3,5-Trimethylbenzene	10.465	105	398985	17.846	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.931	75	53356	16.476	ug/l	95
82) 4-Chlorotoluene	10.465	91	391470	17.969	ug/l	100
83) tert-Butylbenzene	10.789	119	388438	16.752	ug/l	98
84) 1,2,4-Trimethylbenzene	10.841	105	385579	17.596	ug/l	99
85) sec-Butylbenzene	11.011	105	515829	17.474	ug/l	100
86) p-Isopropyltoluene	11.169	119	435561	17.209	ug/l	100
87) 1,3-Dichlorobenzene	11.108	146	235703	17.188	ug/l	99
88) 1,4-Dichlorobenzene	11.198	146	249423	17.262	ug/l	99
89) n-Butylbenzene	11.580	91	394021	16.798	ug/l	98
90) Hexachloroethane	11.821	117	89989	16.380	ug/l	100
91) 1,2-Dichlorobenzene	11.567	146	227059	17.567	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	34659	17.270	ug/l	99
93) 1,2,4-Trichlorobenzene	13.188	180	140001	16.710	ug/l	99
94) Hexachlorobutadiene	13.368	225	66546	16.459	ug/l	96
95) Naphthalene	13.426	128	432565	16.229	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	143839	16.636	ug/l	98

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

