

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070225\
 Data File : VV038843.D
 Acq On : 02 Jul 2025 16:17
 Operator : SY/MD
 Sample : VV0702WBS01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0702WBS01

Quant Time: Jul 03 03:02:08 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	572142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	922112	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	869755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	482194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	252605	39.394	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	78.780%#
35) Dibromofluoromethane	4.506	113	228112	39.055	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	78.100%#
50) Toluene-d8	7.236	98	709845	37.563	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	75.120%#
62) 4-Bromofluorobenzene	10.001	95	286718	37.554	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	75.100%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	59731	10.998	ug/l	98
3) Chloromethane	1.230	50	68668	10.949	ug/l	99
4) Vinyl Chloride	1.298	62	70600	11.393	ug/l	100
5) Bromomethane	1.500	94	49448	13.075	ug/l	97
6) Chloroethane	1.561	64	46440	11.179	ug/l	91
7) Trichlorofluoromethane	1.728	101	119982	10.943	ug/l	98
8) Diethyl Ether	1.921	74	38599	10.117	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.082	101	71717	11.568	ug/l	99
10) Methyl Iodide	2.198	142	79053	10.050	ug/l	99
11) Tert butyl alcohol	2.564	59	51911	62.021	ug/l #	86
12) 1,1-Dichloroethene	2.085	96	65037	11.038	ug/l	91
13) Acrolein	2.011	56	15058	72.050	ug/l	97
14) Allyl chloride	2.362	41	89668	11.316	ug/l	96
15) Acrylonitrile	2.680	53	179686	61.372	ug/l	98
16) Acetone	2.121	43	141589	66.261	ug/l	96
17) Carbon Disulfide	2.256	76	150420	11.021	ug/l	98
18) Methyl Acetate	2.384	43	90354	12.401	ug/l	96
19) Methyl tert-butyl Ether	2.712	73	209955	11.525	ug/l	96
20) Methylene Chloride	2.458	84	79689	11.284	ug/l	99
21) trans-1,2-Dichloroethene	2.706	96	65117	11.051	ug/l	96
22) Diisopropyl ether	3.214	45	182818	11.254	ug/l #	77
23) Vinyl Acetate	3.195	43	662966	56.594	ug/l	99
24) 1,1-Dichloroethane	3.124	63	126060	11.511	ug/l	98
25) 2-Butanone	3.873	43	191634	60.644	ug/l	99
26) 2,2-Dichloropropane	3.815	77	113393	11.172	ug/l	99
27) cis-1,2-Dichloroethene	3.828	96	77756	11.323	ug/l	95
28) Bromochloromethane	4.156	49	36215	7.737	ug/l	99
29) Tetrahydrofuran	4.240	42	125275	58.536	ug/l	97
30) Chloroform	4.285	83	141610	11.868	ug/l	98
31) Cyclohexane	4.590	56	98839	11.396	ug/l #	94
32) 1,1,1-Trichloroethane	4.516	97	127637	11.526	ug/l	98
36) 1,1-Dichloropropene	4.757	75	78611	11.091	ug/l	98
37) Ethyl Acetate	3.986	43	78447	10.847	ug/l #	87
38) Carbon Tetrachloride	4.741	117	107587	11.533	ug/l	97
39) Methylcyclohexane	6.050	83	95532	10.309	ug/l	96
40) Benzene	5.014	78	274365	11.723	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.172	41	29824	12.002	ug/l #	84
42) 1,2-Dichloroethane	5.047	62	99777	12.042	ug/l	98
43) Isopropyl Acetate	5.201	43	118576	10.277	ug/l	98
44) Trichloroethene	5.841	130	72447	11.862	ug/l	97
45) 1,2-Dichloropropane	6.095	63	66479	11.310	ug/l	100
46) Dibromomethane	6.233	93	53766	11.599	ug/l	97
47) Bromodichloromethane	6.429	83	111519	11.362	ug/l	96
48) Methyl methacrylate	6.304	41	53121	9.683	ug/l	95
49) 1,4-Dioxane	6.291	88	19134	251.617	ug/l	97
51) 4-Methyl-2-Pentanone	7.149	43	437121	60.038	ug/l	97
52) Toluene	7.313	92	173240	11.848	ug/l	100
53) t-1,3-Dichloropropene	7.580	75	104144	11.084	ug/l	99
54) cis-1,3-Dichloropropene	6.953	75	113131	11.775	ug/l	97
55) 1,1,2-Trichloroethane	7.764	97	74320	11.623	ug/l	98
56) Ethyl methacrylate	7.719	69	86363	10.267	ug/l	97
57) 1,3-Dichloropropane	7.937	76	116752	11.591	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.815	63	188251	49.285	ug/l	100
59) 2-Hexanone	8.066	43	298874	58.200	ug/l	96
60) Dibromochloromethane	8.169	129	91378	11.350	ug/l	100
61) 1,2-Dibromoethane	8.275	107	78297	11.836	ug/l	100
64) Tetrachloroethene	7.902	164	60196	10.763	ug/l	97
65) Chlorobenzene	8.809	112	207677	11.330	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.899	131	78232	11.430	ug/l	96
67) Ethyl Benzene	8.940	91	317423	11.053	ug/l	99
68) m/p-Xylenes	9.066	106	247893	22.537	ug/l	99
69) o-Xylene	9.471	106	114688	10.913	ug/l	98
70) Styrene	9.490	104	201210	10.966	ug/l	99
71) Bromoform	9.657	173	64504	11.597	ug/l #	99
73) Isopropylbenzene	9.857	105	321966	11.377	ug/l	99
74) N-amyl acetate	9.728	43	102289	10.327	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.169	83	119452	11.644	ug/l	98
76) 1,2,3-Trichloropropane	10.201	75	85927	11.517	ug/l	99
77) Bromobenzene	10.143	156	85532	11.716	ug/l	97
78) n-propylbenzene	10.278	91	385887	11.458	ug/l	99
79) 2-Chlorotoluene	10.349	91	237858	11.630	ug/l	99
80) 1,3,5-Trimethylbenzene	10.468	105	278558	11.512	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.931	75	37465	10.689	ug/l	96
82) 4-Chlorotoluene	10.464	91	271033	11.495	ug/l	99
83) tert-Butylbenzene	10.789	119	275790	10.990	ug/l	97
84) 1,2,4-Trimethylbenzene	10.841	105	267752	11.290	ug/l	99
85) sec-Butylbenzene	11.014	105	352507	11.033	ug/l	100
86) p-Isopropyltoluene	11.169	119	305553	11.155	ug/l	99
87) 1,3-Dichlorobenzene	11.107	146	172488	11.622	ug/l	100
88) 1,4-Dichlorobenzene	11.197	146	177877	11.374	ug/l	97
89) n-Butylbenzene	11.580	91	276574	10.894	ug/l	98
90) Hexachloroethane	11.821	117	63329	10.651	ug/l	98
91) 1,2-Dichlorobenzene	11.570	146	158278	11.315	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.355	75	23539	10.837	ug/l	95
93) 1,2,4-Trichlorobenzene	13.188	180	96378	10.629	ug/l	99
94) Hexachlorobutadiene	13.368	225	46737	10.681	ug/l	98
95) Naphthalene	13.426	128	288377	9.997	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	99837	10.669	ug/l	99

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

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