

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070325\
 Data File : VV038857.D
 Acq On : 03 Jul 2025 13:28
 Operator : SY/MD
 Sample : VV0703WBSD01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0703WBSD01

Quant Time: Jul 04 03:55:04 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	491490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	785828	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	739050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	416000	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	267497	48.562	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	97.120%
35) Dibromofluoromethane	4.503	113	237349	47.683	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	95.360%
50) Toluene-d8	7.236	98	754596	46.856	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	93.720%
62) 4-Bromofluorobenzene	10.001	95	343579	52.806	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	105.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	85995	18.432	ug/l	97
3) Chloromethane	1.230	50	94163	18.087	ug/l	99
4) Vinyl Chloride	1.294	62	99845	18.756	ug/l	100
5) Bromomethane	1.497	94	72004	22.164	ug/l	94
6) Chloroethane	1.558	64	66249	18.564	ug/l	99
7) Trichlorofluoromethane	1.725	101	177524	18.849	ug/l	98
8) Diethyl Ether	1.918	74	63937	19.508	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.082	101	103476	19.430	ug/l	99
10) Methyl Iodide	2.195	142	121626	18.000	ug/l	99
11) Tert butyl alcohol	2.561	59	77861	108.290	ug/l	99
12) 1,1-Dichloroethene	2.082	96	95039	18.776	ug/l	97
13) Acrolein	2.011	56	22016	122.629	ug/l	95
14) Allyl chloride	2.359	41	134280	19.727	ug/l	97
15) Acrylonitrile	2.674	53	266081	105.793	ug/l	100
16) Acetone	2.118	43	210142	114.480	ug/l	100
17) Carbon Disulfide	2.253	76	216507	18.466	ug/l	98
18) Methyl Acetate	2.381	43	130183	20.799	ug/l	99
19) Methyl tert-butyl Ether	2.709	73	330376	21.111	ug/l	98
20) Methylene Chloride	2.455	84	112883	18.608	ug/l	99
21) trans-1,2-Dichloroethene	2.703	96	98096	19.379	ug/l	97
22) Diisopropyl ether	3.211	45	300391	21.525	ug/l	93
23) Vinyl Acetate	3.191	43	1072637	106.592	ug/l	99
24) 1,1-Dichloroethane	3.121	63	188690	20.057	ug/l	99
25) 2-Butanone	3.867	43	294811	108.604	ug/l	99
26) 2,2-Dichloropropane	3.815	77	167943	19.261	ug/l	98
27) cis-1,2-Dichloroethene	3.825	96	116119	19.685	ug/l	97
28) Bromochloromethane	4.150	49	77338	19.235	ug/l	98
29) Tetrahydrofuran	4.233	42	195737	106.468	ug/l	98
30) Chloroform	4.281	83	210142	20.502	ug/l	97
31) Cyclohexane	4.587	56	142125	19.077	ug/l #	95
32) 1,1,1-Trichloroethane	4.513	97	189532	19.923	ug/l	99
36) 1,1-Dichloropropene	4.751	75	122722	20.318	ug/l	97
37) Ethyl Acetate	3.979	43	111497	18.091	ug/l	97
38) Carbon Tetrachloride	4.735	117	157438	19.803	ug/l	96
39) Methylcyclohexane	6.047	83	149822	18.971	ug/l	95
40) Benzene	5.011	78	400938	20.102	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.169	41	50013	19.520	ug/l	93
42) 1,2-Dichloroethane	5.043	62	149383	21.155	ug/l	99
43) Isopropyl Acetate	5.191	43	196380	19.973	ug/l	98
44) Trichloroethene	5.834	130	104520	20.081	ug/l	94
45) 1,2-Dichloropropane	6.092	63	97479	19.461	ug/l	97
46) Dibromomethane	6.230	93	78311	19.825	ug/l	98
47) Bromodichloromethane	6.426	83	166816	19.944	ug/l	99
48) Methyl methacrylate	6.301	41	85244	18.233	ug/l	95
49) 1,4-Dioxane	6.288	88	28984	447.249	ug/l	99
51) 4-Methyl-2-Pentanone	7.146	43	654417	105.471	ug/l	99
52) Toluene	7.310	92	260175	20.879	ug/l	100
53) t-1,3-Dichloropropene	7.577	75	159926	19.972	ug/l	98
54) cis-1,3-Dichloropropene	6.950	75	170110	20.777	ug/l	98
55) 1,1,2-Trichloroethane	7.760	97	113910	20.904	ug/l	97
56) Ethyl methacrylate	7.715	69	146252	20.402	ug/l	99
57) 1,3-Dichloropropane	7.934	76	179203	20.876	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.812	63	325799	100.089	ug/l	98
59) 2-Hexanone	8.063	43	467580	106.843	ug/l	98
60) Dibromochloromethane	8.169	129	139710	20.363	ug/l	100
61) 1,2-Dibromoethane	8.275	107	117360	20.818	ug/l	98
64) Tetrachloroethene	7.899	164	92533	19.470	ug/l	97
65) Chlorobenzene	8.805	112	303344	19.476	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.899	131	114218	19.639	ug/l	97
67) Ethyl Benzene	8.937	91	477932	19.586	ug/l	99
68) m/p-Xylenes	9.063	106	384692	41.159	ug/l	98
69) o-Xylene	9.468	106	177140	19.837	ug/l	98
70) Styrene	9.487	104	318704	20.441	ug/l	99
71) Bromoform	9.654	173	97470	20.624	ug/l #	99
73) Isopropylbenzene	9.857	105	503716	20.632	ug/l	100
74) N-amyl acetate	9.725	43	170525	19.955	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	183392	20.721	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	129106	20.059	ug/l	98
77) Bromobenzene	10.143	156	130115	20.659	ug/l	98
78) n-propylbenzene	10.278	91	589426	20.287	ug/l	100
79) 2-Chlorotoluene	10.349	91	370657	21.007	ug/l	98
80) 1,3,5-Trimethylbenzene	10.464	105	431457	20.669	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.931	75	58214	19.252	ug/l	97
82) 4-Chlorotoluene	10.464	91	425687	20.927	ug/l	99
83) tert-Butylbenzene	10.789	119	425993	19.676	ug/l	98
84) 1,2,4-Trimethylbenzene	10.841	105	430355	21.034	ug/l	99
85) sec-Butylbenzene	11.014	105	556017	20.172	ug/l	100
86) p-Isopropyltoluene	11.169	119	472740	20.004	ug/l	100
87) 1,3-Dichlorobenzene	11.108	146	259865	20.295	ug/l	99
88) 1,4-Dichlorobenzene	11.198	146	266220	19.732	ug/l	98
89) n-Butylbenzene	11.580	91	440259	20.102	ug/l	98
90) Hexachloroethane	11.821	117	97736	19.053	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	242655	20.106	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.355	75	35917	19.167	ug/l	98
93) 1,2,4-Trichlorobenzene	13.188	180	147948	18.912	ug/l	99
94) Hexachlorobutadiene	13.368	225	71729	19.001	ug/l	96
95) Naphthalene	13.426	128	466191	18.733	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	152142	18.846	ug/l	99

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

