

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070725\
 Data File : VV038869.D
 Acq On : 07 Jul 2025 13:53
 Operator : SY/MD
 Sample : VV0707WBSD01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0707WBSD01

Quant Time: Jul 08 02:40:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 08 02:37:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	436583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	728466	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	705889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	395484	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	276456	56.501	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 113.000%	
35) Dibromofluoromethane	4.503	113	244412	52.969	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 105.940%	
50) Toluene-d8	7.236	98	732289	49.051	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 98.100%	
62) 4-Bromofluorobenzene	10.001	95	344775	57.162	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 114.320%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	74439	17.962	ug/l	98
3) Chloromethane	1.230	50	82192	16.164	ug/l	100
4) Vinyl Chloride	1.298	62	86822	18.361	ug/l	98
5) Bromomethane	1.494	94	69552	24.102	ug/l	93
6) Chloroethane	1.561	64	58995	18.610	ug/l	94
7) Trichlorofluoromethane	1.725	101	159149	19.023	ug/l	93
8) Diethyl Ether	1.918	74	60955	20.937	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.082	101	91524	19.347	ug/l	99
10) Methyl Iodide	2.198	142	109273	18.206	ug/l	99
11) Tert butyl alcohol	2.564	59	95034	148.798	ug/l	99
12) 1,1-Dichloroethene	2.082	96	83205	18.506	ug/l	98
13) Acrolein	2.011	56	19882	124.670	ug/l	87
14) Allyl chloride	2.359	41	129548	21.425	ug/l	95
15) Acrylonitrile	2.674	53	300153	134.349	ug/l	97
16) Acetone	2.118	43	239289	146.753	ug/l	96
17) Carbon Disulfide	2.253	76	166085	15.947	ug/l	99
18) Methyl Acetate	2.381	43	149607	26.908	ug/l	94
19) Methyl tert-butyl Ether	2.709	73	345774	24.873	ug/l	100
20) Methylene Chloride	2.458	84	115028	21.346	ug/l	98
21) trans-1,2-Dichloroethene	2.706	96	91103	20.261	ug/l	99
22) Diisopropyl ether	3.214	45	308532	24.889	ug/l	94
23) Vinyl Acetate	3.191	43	1121080	125.417	ug/l	98
24) 1,1-Dichloroethane	3.121	63	180636	21.616	ug/l	99
25) 2-Butanone	3.867	43	333720	138.399	ug/l	99
26) 2,2-Dichloropropane	3.815	77	158909	20.517	ug/l	98
27) cis-1,2-Dichloroethene	3.825	96	117283	22.383	ug/l	99
28) Bromochloromethane	4.153	49	78886	22.087	ug/l	99
29) Tetrahydrofuran	4.236	42	214571	131.391	ug/l	97
30) Chloroform	4.278	83	206387	22.668	ug/l	99
31) Cyclohexane	4.584	56	118447	17.898	ug/l	97
32) 1,1,1-Trichloroethane	4.516	97	179367	21.226	ug/l	99
36) 1,1-Dichloropropene	4.748	75	106595	19.038	ug/l	99
37) Ethyl Acetate	3.979	43	131188	22.962	ug/l #	90
38) Carbon Tetrachloride	4.738	117	140285	19.035	ug/l	96
39) Methylcyclohexane	6.047	83	120084	16.403	ug/l	99
40) Benzene	5.011	78	379359	20.518	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.166	41	53585	21.841	ug/l	92
42) 1,2-Dichloroethane	5.047	62	148624	22.705	ug/l	98
43) Isopropyl Acetate	5.191	43	205759	22.574	ug/l	97
44) Trichloroethene	5.838	130	95835	19.862	ug/l	93
45) 1,2-Dichloropropane	6.092	63	96651	20.815	ug/l	100
46) Dibromomethane	6.230	93	83062	22.683	ug/l	96
47) Bromodichloromethane	6.426	83	170929	22.045	ug/l	99
48) Methyl methacrylate	6.301	41	91683	21.154	ug/l	97
49) 1,4-Dioxane	6.291	88	33879	563.949	ug/l	95
51) 4-Methyl-2-Pentanone	7.146	43	729888	126.898	ug/l	98
52) Toluene	7.310	92	251172	21.743	ug/l	98
53) t-1,3-Dichloropropene	7.577	75	157764	21.253	ug/l	98
54) cis-1,3-Dichloropropene	6.953	75	172312	22.703	ug/l	99
55) 1,1,2-Trichloroethane	7.764	97	117646	23.290	ug/l	98
56) Ethyl methacrylate	7.715	69	151111	22.739	ug/l	98
57) 1,3-Dichloropropane	7.937	76	181326	22.787	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.812	63	311929	103.374	ug/l	99
59) 2-Hexanone	8.063	43	522063	128.686	ug/l	97
60) Dibromochloromethane	8.169	129	145692	22.907	ug/l	97
61) 1,2-Dibromoethane	8.275	107	120592	23.075	ug/l	99
64) Tetrachloroethene	7.899	164	82751	18.230	ug/l	99
65) Chlorobenzene	8.805	112	304574	20.474	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.899	131	117820	21.210	ug/l	98
67) Ethyl Benzene	8.937	91	460046	19.738	ug/l	99
68) m/p-Xylenes	9.063	106	367495	41.166	ug/l	98
69) o-Xylene	9.468	106	170798	20.025	ug/l	99
70) Styrene	9.487	104	315123	21.161	ug/l	99
71) Bromoform	9.657	173	102193	22.639	ug/l #	99
73) Isopropylbenzene	9.857	105	481777	20.757	ug/l	100
74) N-amyl acetate	9.725	43	183160	22.545	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	194153	23.074	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	137073	22.401	ug/l	99
77) Bromobenzene	10.143	156	130938	21.868	ug/l	97
78) n-propylbenzene	10.278	91	570510	20.655	ug/l	100
79) 2-Chlorotoluene	10.349	91	358115	21.349	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	417976	21.062	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.931	75	61568	21.418	ug/l	95
82) 4-Chlorotoluene	10.464	91	411501	21.279	ug/l	99
83) tert-Butylbenzene	10.789	119	417656	20.291	ug/l	97
84) 1,2,4-Trimethylbenzene	10.841	105	410136	21.086	ug/l	100
85) sec-Butylbenzene	11.011	105	532341	20.315	ug/l	99
86) p-Isopropyltoluene	11.165	119	461429	20.539	ug/l	99
87) 1,3-Dichlorobenzene	11.108	146	255492	20.989	ug/l	99
88) 1,4-Dichlorobenzene	11.198	146	266126	20.749	ug/l	100
89) n-Butylbenzene	11.580	91	412481	19.810	ug/l	99
90) Hexachloroethane	11.821	117	94458	19.369	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	242778	21.160	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	40954	22.989	ug/l	97
93) 1,2,4-Trichlorobenzene	13.185	180	152919	20.562	ug/l	100
94) Hexachlorobutadiene	13.368	225	67658	18.852	ug/l	99
95) Naphthalene	13.426	128	494846	20.916	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	159500	20.782	ug/l	100

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

