

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100325\
 Data File : VV039245.D
 Acq On : 03 Oct 2025 13:07
 Operator : SY/MD
 Sample : VV1003WBS01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV1003WBS01

Quant Time: Oct 04 01:08:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	559480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	866328	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	845304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	506399	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	337839	41.722	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	83.440%
35) Dibromofluoromethane	4.500	113	345571	49.618	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	99.240%
50) Toluene-d8	7.236	98	936652	45.791	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	91.580%
62) 4-Bromofluorobenzene	9.998	95	449945	53.433	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	106.860%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	147312	16.633	ug/l	99
3) Chloromethane	1.230	50	159153	16.739	ug/l	98
4) Vinyl Chloride	1.297	62	178439	17.531	ug/l	100
5) Bromomethane	1.500	94	120645	18.802	ug/l	100
6) Chloroethane	1.561	64	116472	18.144	ug/l	97
7) Trichlorofluoromethane	1.725	101	280975	19.066	ug/l	100
8) Diethyl Ether	1.918	74	101959	18.637	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.082	101	169365	19.315	ug/l	96
10) Methyl Iodide	2.198	142	183933	22.028	ug/l	99
11) Tert butyl alcohol	2.564	59	154118	90.054	ug/l	96
12) 1,1-Dichloroethene	2.082	96	158669	18.810	ug/l	94
13) Acrolein	2.011	56	15337	51.646	ug/l	93
14) Allyl chloride	2.359	41	264501	17.554	ug/l	98
15) Acrylonitrile	2.674	53	487507	88.861	ug/l	99
16) Acetone	2.117	43	488555	91.016	ug/l	97
17) Carbon Disulfide	2.252	76	413185	16.016	ug/l	99
18) Methyl Acetate	2.381	43	253442	21.125	ug/l	96
19) Methyl tert-butyl Ether	2.709	73	532207	19.799	ug/l	99
20) Methylene Chloride	2.455	84	188042	19.948	ug/l	93
21) trans-1,2-Dichloroethene	2.703	96	166888	18.584	ug/l	98
22) Diisopropyl ether	3.214	45	522821	18.135	ug/l	82
23) Vinyl Acetate	3.188	43	2220327	88.039	ug/l	97
24) 1,1-Dichloroethane	3.117	63	320962	18.205	ug/l	98
25) 2-Butanone	3.867	43	577685	89.093	ug/l	98
26) 2,2-Dichloropropane	3.812	77	274205	17.541	ug/l	100
27) cis-1,2-Dichloroethene	3.821	96	190466	19.231	ug/l	95
28) Bromochloromethane	4.146	49	150145	19.291	ug/l	90
29) Tetrahydrofuran	4.236	42	347741	85.681	ug/l	96
30) Chloroform	4.278	83	333971	18.141	ug/l	98
31) Cyclohexane	4.584	56	237069	16.415	ug/l	96
32) 1,1,1-Trichloroethane	4.510	97	289772	18.181	ug/l	97
36) 1,1-Dichloropropene	4.744	75	198893	18.889	ug/l	98
37) Ethyl Acetate	3.982	43	217952	17.058	ug/l #	88
38) Carbon Tetrachloride	4.731	117	247222	19.211	ug/l	99
39) Methylcyclohexane	6.046	83	217981	17.142	ug/l	95
40) Benzene	5.008	78	664341	19.375	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.166	41	93853	17.536	ug/l	91
42) 1,2-Dichloroethane	5.040	62	226266	18.833	ug/l	97
43) Isopropyl Acetate	5.194	43	331315	19.018	ug/l	98
44) Trichloroethene	5.831	130	164874	20.838	ug/l	98
45) 1,2-Dichloropropane	6.088	63	169707	19.912	ug/l	93
46) Dibromomethane	6.227	93	128921	19.764	ug/l	94
47) Bromodichloromethane	6.426	83	260291	19.302	ug/l	99
48) Methyl methacrylate	6.301	41	143613	18.186	ug/l	95
49) 1,4-Dioxane	6.294	88	48393	379.726	ug/l	99
51) 4-Methyl-2-Pentanone	7.146	43	1148145	100.178	ug/l	99
52) Toluene	7.307	92	415826	20.916	ug/l	98
53) t-1,3-Dichloropropene	7.574	75	247740	21.080	ug/l	99
54) cis-1,3-Dichloropropene	6.950	75	271589	20.933	ug/l	97
55) 1,1,2-Trichloroethane	7.760	97	178056	19.974	ug/l	96
56) Ethyl methacrylate	7.715	69	217780	20.572	ug/l	95
57) 1,3-Dichloropropane	7.934	76	287981	20.470	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.812	63	475072	86.041	ug/l	96
59) 2-Hexanone	8.062	43	835938	91.844	ug/l	99
60) Dibromochloromethane	8.169	129	210459	20.720	ug/l	98
61) 1,2-Dibromoethane	8.275	107	187426	20.559	ug/l	99
64) Tetrachloroethene	7.895	164	143810	20.312	ug/l	98
65) Chlorobenzene	8.805	112	476325	20.230	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.898	131	172386	20.263	ug/l	99
67) Ethyl Benzene	8.937	91	720606	20.218	ug/l	98
68) m/p-Xylenes	9.062	106	592787	43.093	ug/l	99
69) o-Xylene	9.468	106	261997	21.510	ug/l	97
70) Styrene	9.487	104	486013	19.731	ug/l	99
71) Bromoform	9.654	173	142741	21.480	ug/l #	99
73) Isopropylbenzene	9.853	105	730232	19.881	ug/l	100
74) N-amyl acetate	9.725	43	277738	18.957	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.165	83	292188	18.156	ug/l	99
76) 1,2,3-Trichloropropane	10.197	75	208818	18.111	ug/l	97
77) Bromobenzene	10.140	156	197841	20.761	ug/l	94
78) n-propylbenzene	10.278	91	870650	19.466	ug/l	98
79) 2-Chlorotoluene	10.345	91	552648	20.649	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	623906	20.437	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	91130	18.975	ug/l	98
82) 4-Chlorotoluene	10.461	91	637564	20.544	ug/l	98
83) tert-Butylbenzene	10.789	119	586432	19.264	ug/l	98
84) 1,2,4-Trimethylbenzene	10.841	105	608680	20.537	ug/l	97
85) sec-Butylbenzene	11.011	105	764641	18.937	ug/l	99
86) p-Isopropyltoluene	11.165	119	646503	19.237	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	388162	20.127	ug/l	99
88) 1,4-Dichlorobenzene	11.197	146	408220	19.293	ug/l	100
89) n-Butylbenzene	11.580	91	586984	18.289	ug/l	99
90) Hexachloroethane	11.818	117	137547	16.621	ug/l	95
91) 1,2-Dichlorobenzene	11.567	146	355232	19.715	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	58842	20.532	ug/l	99
93) 1,2,4-Trichlorobenzene	13.184	180	208698	20.205	ug/l	99
94) Hexachlorobutadiene	13.368	225	90851	16.928	ug/l	99
95) Naphthalene	13.426	128	654167	19.595	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	209698	19.850	ug/l	99

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

