

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
 Data File : VV039171.D
 Acq On : 25 Sep 2025 11:24
 Operator : SY/MD
 Sample : VV0925WBS01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0925WBS01

Quant Time: Sep 26 01:21:22 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	4.600	168	557017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	898902	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	871912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	508947	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	363796	45.127	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	90.260%
35) Dibromofluoromethane	4.500	113	345732	47.843	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	95.680%
50) Toluene-d8	7.236	98	1017460	47.939	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	95.880%
62) 4-Bromofluorobenzene	10.001	95	447073	51.168	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	102.340%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.121	85	160404	18.191	ug/l	99
3) Chloromethane	1.230	50	180629	19.082	ug/l	99
4) Vinyl Chloride	1.298	62	196152	19.356	ug/l	99
5) Bromomethane	1.497	94	119487	18.704	ug/l	98
6) Chloroethane	1.561	64	122694	19.279	ug/l	97
7) Trichlorofluoromethane	1.725	101	284580	19.396	ug/l	98
8) Diethyl Ether	1.918	74	106026	19.466	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.082	101	174658	20.007	ug/l	97
10) Methyl Iodide	2.198	142	135972	16.356	ug/l	99
11) Tert butyl alcohol	2.571	59	187721	110.174	ug/l	99
12) 1,1-Dichloroethene	2.082	96	166976	19.882	ug/l	98
13) Acrolein	2.011	56	34025	115.083	ug/l	98
14) Allyl chloride	2.359	41	286242	19.080	ug/l	98
15) Acrylonitrile	2.677	53	538540	98.597	ug/l	100
16) Acetone	2.121	43	476447	89.017	ug/l	97
17) Carbon Disulfide	2.253	76	487416	18.977	ug/l	99
18) Methyl Acetate	2.381	43	252836	21.167	ug/l	98
19) Methyl tert-butyl Ether	2.716	73	535106	19.995	ug/l	99
20) Methylene Chloride	2.458	84	192332	20.555	ug/l	95
21) trans-1,2-Dichloroethene	2.703	96	176159	19.703	ug/l	96
22) Diisopropyl ether	3.220	45	549959	19.161	ug/l	99
23) Vinyl Acetate	3.191	43	2415006	96.182	ug/l	98
24) 1,1-Dichloroethane	3.117	63	339160	19.322	ug/l	98
25) 2-Butanone	3.873	43	626977	97.122	ug/l	99
26) 2,2-Dichloropropane	3.812	77	266277	17.109	ug/l	98
27) cis-1,2-Dichloroethene	3.822	96	191963	19.468	ug/l	98
28) Bromochloromethane	4.150	49	158654	20.475	ug/l	97
29) Tetrahydrofuran	4.240	42	407358	100.814	ug/l	98
30) Chloroform	4.281	83	352541	19.234	ug/l	97
31) Cyclohexane	4.587	56	262018	18.223	ug/l	94
32) 1,1,1-Trichloroethane	4.513	97	301922	19.027	ug/l	98
36) 1,1-Dichloropropene	4.744	75	210259	19.244	ug/l	98
37) Ethyl Acetate	3.986	43	249892	18.849	ug/l	99
38) Carbon Tetrachloride	4.735	117	258780	19.380	ug/l	96
39) Methylcyclohexane	6.047	83	253234	19.193	ug/l	98
40) Benzene	5.011	78	706824	19.867	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.166	41	101017	18.119	ug/l	92
42) 1,2-Dichloroethane	5.043	62	243861	19.562	ug/l	99
43) Isopropyl Acetate	5.198	43	354785	19.627	ug/l	99
44) Trichloroethene	5.834	130	167082	20.352	ug/l	99
45) 1,2-Dichloropropane	6.092	63	181382	20.511	ug/l	96
46) Dibromomethane	6.227	93	135579	20.031	ug/l	98
47) Bromodichloromethane	6.429	83	269985	19.295	ug/l	100
48) Methyl methacrylate	6.301	41	154615	18.869	ug/l	97
49) 1,4-Dioxane	6.294	88	55817	422.109	ug/l	98
51) 4-Methyl-2-Pentanone	7.149	43	1295291	108.921	ug/l	99
52) Toluene	7.310	92	442966	21.474	ug/l	98
53) t-1,3-Dichloropropene	7.577	75	244520	20.052	ug/l	99
54) cis-1,3-Dichloropropene	6.950	75	272587	20.249	ug/l	98
55) 1,1,2-Trichloroethane	7.764	97	184964	19.997	ug/l	95
56) Ethyl methacrylate	7.719	69	220741	20.096	ug/l	97
57) 1,3-Dichloropropane	7.937	76	293432	20.102	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.815	63	541689	93.599	ug/l	99
59) 2-Hexanone	8.066	43	942254	99.572	ug/l	99
60) Dibromochloromethane	8.169	129	212792	20.190	ug/l	100
61) 1,2-Dibromoethane	8.275	107	195149	20.631	ug/l	99
64) Tetrachloroethene	7.899	164	147205	20.157	ug/l	95
65) Chlorobenzene	8.805	112	488359	20.108	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.899	131	174648	19.902	ug/l	100
67) Ethyl Benzene	8.937	91	736424	20.032	ug/l	99
68) m/p-Xylenes	9.063	106	611502	43.097	ug/l	100
69) o-Xylene	9.468	106	263271	20.955	ug/l	99
70) Styrene	9.487	104	489732	19.311	ug/l	99
71) Bromoform	9.654	173	140287	20.466	ug/l #	98
73) Isopropylbenzene	9.857	105	759505	20.575	ug/l	100
74) N-amyl acetate	9.725	43	297254	20.188	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	313809	19.402	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	227880	19.665	ug/l	98
77) Bromobenzene	10.143	156	194148	20.272	ug/l	97
78) n-propylbenzene	10.278	91	917928	20.420	ug/l	99
79) 2-Chlorotoluene	10.349	91	569887	21.187	ug/l	98
80) 1,3,5-Trimethylbenzene	10.464	105	649406	21.165	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.931	75	93631	19.398	ug/l	98
82) 4-Chlorotoluene	10.464	91	658860	21.124	ug/l	100
83) tert-Butylbenzene	10.789	119	599275	19.587	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	634517	21.301	ug/l	100
85) sec-Butylbenzene	11.014	105	814764	20.078	ug/l	99
86) p-Isopropyltoluene	11.169	119	692579	20.505	ug/l	99
87) 1,3-Dichlorobenzene	11.108	146	380476	19.629	ug/l	100
88) 1,4-Dichlorobenzene	11.198	146	400938	18.854	ug/l	99
89) n-Butylbenzene	11.580	91	629906	19.528	ug/l	98
90) Hexachloroethane	11.821	117	153004	18.396	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	359391	19.846	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	63577	22.105	ug/l	98
93) 1,2,4-Trichlorobenzene	13.185	180	198844	19.155	ug/l	98
94) Hexachlorobutadiene	13.368	225	100713	18.672	ug/l	99
95) Naphthalene	13.426	128	654241	19.499	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	210809	19.856	ug/l	99

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

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