

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100725\
 Data File : VV039285.D
 Acq On : 07 Oct 2025 10:47
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC020

Quant Time: Oct 08 04:41:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 04:38:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	684929	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1068943	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1038940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	599936	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.944	65	207395	21.310	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	42.620%#
35) Dibromofluoromethane	4.503	113	182463	21.664	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	43.320%#
50) Toluene-d8	7.236	98	637652	22.254	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	44.500%#
62) 4-Bromofluorobenzene	10.001	95	221880	21.743	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	43.480%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.121	85	177392	20.491	ug/l	99
3) Chloromethane	1.230	50	172228	19.109	ug/l	100
4) Vinyl Chloride	1.298	62	197329	19.191	ug/l	99
5) Bromomethane	1.497	94	130902	19.621	ug/l	98
6) Chloroethane	1.561	64	128639	21.373	ug/l	99
7) Trichlorofluoromethane	1.725	101	300006	19.099	ug/l	100
8) Diethyl Ether	1.918	74	104544	18.417	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.082	101	179412	19.074	ug/l	99
10) Methyl Iodide	2.198	142	162986	20.112	ug/l	98
11) Tert butyl alcohol	2.568	59	190075	100.776	ug/l	100
12) 1,1-Dichloroethene	2.082	96	174487	18.893	ug/l	96
13) Acrolein	2.008	56	116044	102.299	ug/l	100
14) Allyl chloride	2.359	41	274531	18.752	ug/l	100
15) Acrylonitrile	2.674	53	520229	93.008	ug/l	100
16) Acetone	2.121	43	486776	101.524	ug/l	98
17) Carbon Disulfide	2.253	76	479754	18.391	ug/l	100
18) Methyl Acetate	2.381	43	254273	20.162	ug/l	98
19) Methyl tert-butyl Ether	2.712	73	526786	18.951	ug/l	99
20) Methylene Chloride	2.458	84	195948	21.419	ug/l	96
21) trans-1,2-Dichloroethene	2.703	96	179212	18.430	ug/l	98
22) Diisopropyl ether	3.217	45	519314	19.757	ug/l	89
23) Vinyl Acetate	3.191	43	2249046	97.463	ug/l	100
24) 1,1-Dichloroethane	3.118	63	327296	18.586	ug/l	99
25) 2-Butanone	3.870	43	606140	102.132	ug/l	99
26) 2,2-Dichloropropane	3.812	77	264468	18.646	ug/l	99
27) cis-1,2-Dichloroethene	3.822	96	180096	18.498	ug/l	96
28) Bromochloromethane	4.146	49	153641	19.964	ug/l	98
29) Tetrahydrofuran	4.240	42	383152	100.710	ug/l	97
30) Chloroform	4.278	83	342239	19.058	ug/l	98
31) Cyclohexane	4.584	56	248657	19.387	ug/l	97
32) 1,1,1-Trichloroethane	4.516	97	297779	18.965	ug/l	99
36) 1,1-Dichloropropene	4.748	75	207722	19.636	ug/l	100
37) Ethyl Acetate	3.979	43	237243	19.219	ug/l	96
38) Carbon Tetrachloride	4.735	117	255516	19.056	ug/l	100
39) Methylcyclohexane	6.050	83	229452	18.978	ug/l	98
40) Benzene	5.011	78	678777	19.996	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100725\
 Data File : VV039285.D
 Acq On : 07 Oct 2025 10:47
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC020

Quant Time: Oct 08 04:41:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 04:38:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.166	41	95028	19.025	ug/l	95
42) 1,2-Dichloroethane	5.043	62	229561	19.269	ug/l	99
43) Isopropyl Acetate	5.198	43	331186	19.633	ug/l	99
44) Trichloroethene	5.834	130	168843	19.779	ug/l	96
45) 1,2-Dichloropropane	6.092	63	164657	19.934	ug/l	100
46) Dibromomethane	6.227	93	133300	19.307	ug/l	100
47) Bromodichloromethane	6.426	83	266348	19.579	ug/l	100
48) Methyl methacrylate	6.301	41	143078	19.048	ug/l	99
49) 1,4-Dioxane	6.294	88	58694	469.721	ug/l	94
51) 4-Methyl-2-Pentanone	7.149	43	1211982	107.743	ug/l	99
52) Toluene	7.310	92	427535	20.859	ug/l	100
53) t-1,3-Dichloropropene	7.577	75	237681	19.991	ug/l	99
54) cis-1,3-Dichloropropene	6.950	75	268074	20.281	ug/l	98
55) 1,1,2-Trichloroethane	7.764	97	182850	19.757	ug/l	98
56) Ethyl methacrylate	7.719	69	209723	20.297	ug/l	99
57) 1,3-Dichloropropane	7.934	76	284148	20.346	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.815	63	589392	98.113	ug/l	100
59) 2-Hexanone	8.066	43	908449	110.005	ug/l	96
60) Dibromochloromethane	8.169	129	212222	19.612	ug/l	98
61) 1,2-Dibromoethane	8.275	107	192471	19.973	ug/l	100
64) Tetrachloroethene	7.899	164	153650	20.274	ug/l	97
65) Chlorobenzene	8.805	112	475825	19.346	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.899	131	175260	19.024	ug/l	100
67) Ethyl Benzene	8.937	91	718792	19.840	ug/l	97
68) m/p-Xylenes	9.063	106	609583	42.423	ug/l	99
69) o-Xylene	9.468	106	253402	19.969	ug/l	97
70) Styrene	9.487	104	486311	21.538	ug/l	99
71) Bromoform	9.654	173	147076	19.741	ug/l #	100
73) Isopropylbenzene	9.857	105	731989	20.093	ug/l	100
74) N-amyl acetate	9.725	43	285451	18.876	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.165	83	302311	18.070	ug/l	98
76) 1,2,3-Trichloropropane	10.198	75	216610	18.090	ug/l	99
77) Bromobenzene	10.140	156	194095	19.381	ug/l	98
78) n-propylbenzene	10.278	91	887506	20.077	ug/l	100
79) 2-Chlorotoluene	10.349	91	559619	20.505	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	632709	20.708	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.931	75	92057	19.416	ug/l	99
82) 4-Chlorotoluene	10.464	91	650385	20.733	ug/l	99
83) tert-Butylbenzene	10.789	119	582590	19.203	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	622532	20.697	ug/l	99
85) sec-Butylbenzene	11.011	105	765416	19.954	ug/l	100
86) p-Isopropyltoluene	11.165	119	666282	20.202	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	396003	19.824	ug/l	99
88) 1,4-Dichlorobenzene	11.198	146	424481	18.852	ug/l	99
89) n-Butylbenzene	11.580	91	601624	19.588	ug/l	98
90) Hexachloroethane	11.818	117	147765	18.119	ug/l	98
91) 1,2-Dichlorobenzene	11.567	146	359381	18.913	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	61887	17.990	ug/l	97
93) 1,2,4-Trichlorobenzene	13.185	180	201256	18.990	ug/l	98
94) Hexachlorobutadiene	13.368	225	99161	18.478	ug/l	99
95) Naphthalene	13.426	128	660463	19.021	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	211792	19.228	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100725\
Data File : VV039285.D
Acq On : 07 Oct 2025 10:47
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

Quant Time: Oct 08 04:41:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:38:33 2025
Response via : Initial Calibration

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

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

