

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110525\
 Data File : VV039345.D
 Acq On : 05 Nov 2025 18:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 06 00:20:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:01:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	717375	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1094911	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1050261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	615319	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	481758	47.261	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	94.520%
35) Dibromofluoromethane	4.500	113	436950	50.648	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	101.300%
50) Toluene-d8	7.233	98	1542293	52.550	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	105.100%
62) 4-Bromofluorobenzene	9.998	95	571489	54.676	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	109.360%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	375364	41.398	ug/l	99
3) Chloromethane	1.230	50	382904	40.562	ug/l	100
4) Vinyl Chloride	1.298	62	452745	42.039	ug/l	99
5) Bromomethane	1.497	94	243901	34.905	ug/l	98
6) Chloroethane	1.561	64	294128	49.444	ug/l	100
7) Trichlorofluoromethane	1.728	101	729782	44.357	ug/l	99
8) Diethyl Ether	1.918	74	262915	44.222	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.082	101	450347	45.714	ug/l	98
10) Methyl Iodide	2.201	142	335581	39.537	ug/l	99
11) Tert butyl alcohol	2.564	59	362453	183.477	ug/l	99
12) 1,1-Dichloroethene	2.085	96	416389	43.047	ug/l	96
13) Acrolein	2.011	56	161801	138.550	ug/l	99
14) Allyl chloride	2.359	41	649672	42.369	ug/l	99
15) Acrylonitrile	2.674	53	1200708	204.956	ug/l	100
16) Acetone	2.117	43	900315	187.500	ug/l	100
17) Carbon Disulfide	2.256	76	1165069	42.643	ug/l	99
18) Methyl Acetate	2.378	43	518348	39.242	ug/l	96
19) Methyl tert-butyl Ether	2.712	73	1349024	46.335	ug/l	99
20) Methylene Chloride	2.458	84	471898	52.263	ug/l	96
21) trans-1,2-Dichloroethene	2.703	96	443566	43.553	ug/l	99
22) Diisopropyl ether	3.214	45	1331927	48.380	ug/l	86
23) Vinyl Acetate	3.188	43	5713836	236.413	ug/l	99
24) 1,1-Dichloroethane	3.121	63	811678	44.008	ug/l	99
25) 2-Butanone	3.863	43	1351350	216.774	ug/l	98
26) 2,2-Dichloropropane	3.812	77	658006	44.294	ug/l	99
27) cis-1,2-Dichloroethene	3.822	96	488225	47.877	ug/l	98
28) Bromochloromethane	4.146	49	357691	45.489	ug/l	99
29) Tetrahydrofuran	4.233	42	914452	229.423	ug/l	100
30) Chloroform	4.278	83	846478	45.005	ug/l	97
31) Cyclohexane	4.587	56	656982	48.905	ug/l	99
32) 1,1,1-Trichloroethane	4.513	97	747934	45.481	ug/l	99
36) 1,1-Dichloropropene	4.744	75	546640	50.448	ug/l	99
37) Ethyl Acetate	3.973	43	563794	44.444	ug/l	98
38) Carbon Tetrachloride	4.735	117	646338	48.960	ug/l	97
39) Methylcyclohexane	6.047	83	684981	55.312	ug/l	97
40) Benzene	5.008	78	1761737	50.668	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.156	41	258689	47.759	ug/l	98
42) 1,2-Dichloroethane	5.040	62	570645	46.763	ug/l	99
43) Isopropyl Acetate	5.191	43	843569	50.794	ug/l	99
44) Trichloroethene	5.831	130	442707	50.632	ug/l	99
45) 1,2-Dichloropropane	6.088	63	435335	51.453	ug/l	100
46) Dibromomethane	6.223	93	331108	46.820	ug/l	96
47) Bromodichloromethane	6.426	83	671895	48.219	ug/l	99
48) Methyl methacrylate	6.294	41	401030	52.123	ug/l	98
49) 1,4-Dioxane	6.288	88	118628	926.849	ug/l	99
51) 4-Methyl-2-Pentanone	7.146	43	2892352	251.026	ug/l	100
52) Toluene	7.307	92	1132199	53.930	ug/l	100
53) t-1,3-Dichloropropene	7.571	75	638101	52.398	ug/l	100
54) cis-1,3-Dichloropropene	6.947	75	706730	52.199	ug/l	99
55) 1,1,2-Trichloroethane	7.757	97	461363	48.669	ug/l	99
56) Ethyl methacrylate	7.712	69	633662	59.001	ug/l	98
57) 1,3-Dichloropropane	7.931	76	732294	51.191	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.809	63	1741937	267.420	ug/l	99
59) 2-Hexanone	8.059	43	2118902	250.494	ug/l	99
60) Dibromochloromethane	8.165	129	546608	49.316	ug/l	100
61) 1,2-Dibromoethane	8.272	107	490789	49.721	ug/l	99
64) Tetrachloroethene	7.895	164	401029	52.345	ug/l	99
65) Chlorobenzene	8.802	112	1259114	50.642	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.895	131	457367	49.111	ug/l	99
67) Ethyl Benzene	8.934	91	2099086	57.315	ug/l	99
68) m/p-Xylenes	9.059	106	1715177	118.078	ug/l	100
69) o-Xylene	9.468	106	765648	59.687	ug/l	99
70) Styrene	9.484	104	1414798	61.985	ug/l	100
71) Bromoform	9.651	173	380347	50.501	ug/l #	97
73) Isopropylbenzene	9.853	105	2123171	56.822	ug/l	100
74) N-amyl acetate	9.722	43	770054	50.015	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	727541	42.399	ug/l	99
76) 1,2,3-Trichloropropane	10.194	75	548821	44.688	ug/l	97
77) Bromobenzene	10.140	156	528874	51.488	ug/l	98
78) n-propylbenzene	10.275	91	2534410	55.900	ug/l	99
79) 2-Chlorotoluene	10.345	91	1516858	54.189	ug/l	99
80) 1,3,5-Trimethylbenzene	10.461	105	1808275	57.702	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	227879	46.861	ug/l	99
82) 4-Chlorotoluene	10.461	91	1787552	55.559	ug/l	99
83) tert-Butylbenzene	10.789	119	1731581	55.647	ug/l	99
84) 1,2,4-Trimethylbenzene	10.837	105	1795812	58.211	ug/l	100
85) sec-Butylbenzene	11.011	105	2226278	56.586	ug/l	100
86) p-Isopropyltoluene	11.165	119	1888455	55.826	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	1040201	50.771	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	1065257	46.459	ug/l	99
89) n-Butylbenzene	11.577	91	1743580	55.348	ug/l	99
90) Hexachloroethane	11.818	117	373673	44.674	ug/l	97
91) 1,2-Dichlorobenzene	11.564	146	967051	49.619	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.349	75	147779	41.884	ug/l	98
93) 1,2,4-Trichlorobenzene	13.185	180	598820	55.091	ug/l	100
94) Hexachlorobutadiene	13.368	225	248032	45.064	ug/l	99
95) Naphthalene	13.422	128	2064988	57.985	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	617849	54.690	ug/l	99

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

