

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111125\
 Data File : VU063707.D
 Acq On : 11 Nov 2025 15:46
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 12 02:12:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U111025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 01:41:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.341	168	181289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.219	114	302912	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.390	117	287098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.785	152	165543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.669	65	133600	49.887	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.780%
35) Dibromofluoromethane	5.255	113	108287	51.040	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.080%
50) Toluene-d8	7.872	98	360878	47.348	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.700%
62) 4-Bromofluorobenzene	10.608	95	157761	50.037	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.374	85	48063	43.900	ug/l	99
3) Chloromethane	1.509	50	51941	48.526	ug/l	99
4) Vinyl Chloride	1.589	62	61055	45.340	ug/l	100
5) Bromomethane	1.834	94	44714	54.768	ug/l	98
6) Chloroethane	1.911	64	48010	47.144	ug/l	98
7) Trichlorofluoromethane	2.117	101	121386	47.111	ug/l	99
8) Diethyl Ether	2.354	74	54471	49.726	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.554	101	78813	48.141	ug/l	99
10) Methyl Iodide	2.695	142	90366	49.861	ug/l	98
11) Tert butyl alcohol	3.152	59	151243	242.055	ug/l	98
12) 1,1-Dichloroethene	2.554	96	65598	46.535	ug/l	99
13) Acrolein	2.461	56	9858	245.562	ug/l	98
14) Allyl chloride	2.895	41	126578	48.146	ug/l	99
15) Acrylonitrile	3.280	53	342496	267.651	ug/l	98
16) Acetone	2.599	43	369907	251.441	ug/l	98
17) Carbon Disulfide	2.766	76	80828	44.991	ug/l	98
18) Methyl Acetate	2.920	43	243971	51.824	ug/l	99
19) Methyl tert-butyl Ether	3.332	73	335953	52.819	ug/l	98
20) Methylene Chloride	3.014	84	93278	54.049	ug/l	98
21) trans-1,2-Dichloroethene	3.322	96	67276	46.485	ug/l	97
22) Diisopropyl ether	3.956	45	292093	50.445	ug/l	92
23) Vinyl Acetate	3.920	43	982006	248.677	ug/l	98
24) 1,1-Dichloroethane	3.833	63	165615	49.592	ug/l	99
25) 2-Butanone	4.666	43	456892	247.781	ug/l	100
26) 2,2-Dichloropropane	4.628	77	133548	46.561	ug/l	100
27) cis-1,2-Dichloroethene	4.631	96	104533	49.438	ug/l	99
28) Bromochloromethane	4.940	49	77542	58.022	ug/l	97
29) Tetrahydrofuran	5.017	42	271123	252.689	ug/l	99
30) Chloroform	5.055	83	189894	51.902	ug/l	99
31) Cyclohexane	5.354	56	103808	48.687	ug/l	98
32) 1,1,1-Trichloroethane	5.280	97	147879	49.256	ug/l	100
36) 1,1-Dichloropropene	5.496	75	99069	45.879	ug/l	100
37) Ethyl Acetate	4.772	43	152713	49.945	ug/l	98
38) Carbon Tetrachloride	5.493	117	104782	44.896	ug/l	97
39) Methylcyclohexane	6.734	83	115455	47.093	ug/l	98
40) Benzene	5.743	78	339835	48.769	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	81614	51.358	ug/l	99
42) 1,2-Dichloroethane	5.763	62	142941	52.011	ug/l	100
43) Isopropyl Acetate	5.882	43	229853	51.288	ug/l	99
44) Trichloroethene	6.512	130	90677	46.382	ug/l	96
45) 1,2-Dichloropropane	6.759	63	95429	50.378	ug/l	99
46) Dibromomethane	6.888	93	72641	51.071	ug/l	96
47) Bromodichloromethane	7.075	83	148224	51.401	ug/l	98
48) Methyl methacrylate	6.933	41	113578	51.630	ug/l	99
49) 1,4-Dioxane	6.936	88	56788	974.378	ug/l	98
51) 4-Methyl-2-Pentanone	7.763	43	881202	256.948	ug/l	99
52) Toluene	7.943	92	223796	49.488	ug/l	99
53) t-1,3-Dichloropropene	8.184	75	114558	47.176	ug/l	98
54) cis-1,3-Dichloropropene	7.579	75	133111	48.908	ug/l	100
55) 1,1,2-Trichloroethane	8.370	97	107992	52.038	ug/l	98
56) Ethyl methacrylate	8.309	69	166049	54.228	ug/l	97
57) 1,3-Dichloropropane	8.547	76	174857	51.647	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.441	63	8522	231.448	ug/l	94
59) 2-Hexanone	8.656	43	648555	253.904	ug/l	100
60) Dibromochloromethane	8.782	129	109674	50.457	ug/l	99
61) 1,2-Dibromoethane	8.894	107	103087	51.551	ug/l	97
64) Tetrachloroethene	8.525	164	90069	48.627	ug/l	98
65) Chlorobenzene	9.422	112	271529	48.402	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.505	131	93153	48.821	ug/l	98
67) Ethyl Benzene	9.544	91	454737	48.667	ug/l	100
68) m/p-Xylenes	9.669	106	342793	99.390	ug/l	100
69) o-Xylene	10.074	106	175826	49.404	ug/l	100
70) Styrene	10.090	104	294967	51.599	ug/l	99
71) Bromoform	10.264	173	77440	50.401	ug/l #	98
73) Isopropylbenzene	10.457	105	473793	45.555	ug/l	100
74) N-amyl acetate	10.299	43	162484	44.840	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.756	83	185718	46.500	ug/l	99
76) 1,2,3-Trichloropropane	10.795	75	187013	44.829	ug/l #	100
77) Bromobenzene	10.756	156	118545	45.303	ug/l	99
78) n-propylbenzene	10.881	91	543046	45.516	ug/l	100
79) 2-Chlorotoluene	10.959	91	345065	44.745	ug/l	99
80) 1,3,5-Trimethylbenzene	11.062	105	402846	46.194	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.518	75	34777	44.411	ug/l	89
82) 4-Chlorotoluene	11.071	91	395188	45.095	ug/l	99
83) tert-Butylbenzene	11.393	119	412960	45.461	ug/l	100
84) 1,2,4-Trimethylbenzene	11.441	105	392322	45.843	ug/l	100
85) sec-Butylbenzene	11.618	105	521842	45.477	ug/l	100
86) p-Isopropyltoluene	11.766	119	423038	45.924	ug/l	99
87) 1,3-Dichlorobenzene	11.721	146	229982	46.780	ug/l	99
88) 1,4-Dichlorobenzene	11.811	146	229757	44.670	ug/l	98
89) n-Butylbenzene	12.184	91	365260	43.176	ug/l	99
90) Hexachloroethane	12.447	117	60323	42.926	ug/l	98
91) 1,2-Dichlorobenzene	12.187	146	229095	46.673	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.968	75	38025	46.464	ug/l	97
93) 1,2,4-Trichlorobenzene	13.814	180	138382	44.221	ug/l	99
94) Hexachlorobutadiene	13.991	225	71159	45.130	ug/l	99
95) Naphthalene	14.058	128	378042	44.595	ug/l	99
96) 1,2,3-Trichlorobenzene	14.299	180	131511	45.203	ug/l	99

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

