

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111225\
 Data File : VU063718.D
 Acq On : 12 Nov 2025 15:03
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 14 04:46:14 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	5.342	168	182124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.219	114	299015	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.393	117	288096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.788	152	161498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.670	65	140417	52.192	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.380%	
35) Dibromofluoromethane	5.255	113	111281	53.135	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.280%	
50) Toluene-d8	7.872	98	378301	50.280	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.560%	
62) 4-Bromofluorobenzene	10.608	95	166833	53.604	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.374	85	48749	44.322	ug/l	97
3) Chloromethane	1.509	50	49909	46.388	ug/l	100
4) Vinyl Chloride	1.589	62	60933	45.042	ug/l	100
5) Bromomethane	1.830	94	43430	52.808	ug/l	100
6) Chloroethane	1.911	64	47081	46.019	ug/l	96
7) Trichlorofluoromethane	2.117	101	122257	47.231	ug/l	96
8) Diethyl Ether	2.355	74	53314	48.446	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.554	101	79352	48.248	ug/l	97
10) Methyl Iodide	2.695	142	93893	51.468	ug/l	99
11) Tert butyl alcohol	3.152	59	144222	229.760	ug/l	100
12) 1,1-Dichloroethene	2.554	96	65912	46.544	ug/l	99
13) Acrolein	2.464	56	8343	203.318	ug/l #	64
14) Allyl chloride	2.895	41	123183	46.640	ug/l	99
15) Acrylonitrile	3.281	53	333588	259.494	ug/l	100
16) Acetone	2.599	43	388804	263.291	ug/l	99
17) Carbon Disulfide	2.766	76	74839	41.457	ug/l	98
18) Methyl Acetate	2.920	43	243817	51.562	ug/l	99
19) Methyl tert-butyl Ether	3.335	73	326759	51.138	ug/l	97
20) Methylene Chloride	3.017	84	89487	51.589	ug/l	97
21) trans-1,2-Dichloroethene	3.322	96	69080	47.513	ug/l	94
22) Diisopropyl ether	3.959	45	284325	48.878	ug/l	99
23) Vinyl Acetate	3.920	43	960255	242.054	ug/l	99
24) 1,1-Dichloroethane	3.834	63	164622	49.068	ug/l	99
25) 2-Butanone	4.666	43	469174	253.276	ug/l	97
26) 2,2-Dichloropropane	4.628	77	137938	47.871	ug/l	99
27) cis-1,2-Dichloroethene	4.634	96	102658	48.329	ug/l	98
28) Bromochloromethane	4.940	49	77403	57.652	ug/l	100
29) Tetrahydrofuran	5.017	42	272414	252.728	ug/l	99
30) Chloroform	5.052	83	186212	50.663	ug/l	99
31) Cyclohexane	5.354	56	100307	46.760	ug/l	96
32) 1,1,1-Trichloroethane	5.284	97	148589	49.265	ug/l	99
36) 1,1-Dichloropropene	5.496	75	99295	46.583	ug/l	100
37) Ethyl Acetate	4.776	43	134683	44.622	ug/l	98
38) Carbon Tetrachloride	5.493	117	105157	45.644	ug/l	95
39) Methylcyclohexane	6.734	83	112806	46.612	ug/l	96
40) Benzene	5.743	78	338314	49.184	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	82739	52.745	ug/l	99
42) 1,2-Dichloroethane	5.763	62	142227	52.425	ug/l	98
43) Isopropyl Acetate	5.882	43	224455	50.736	ug/l	99
44) Trichloroethene	6.515	130	93321	48.357	ug/l	96
45) 1,2-Dichloropropane	6.763	63	94777	50.686	ug/l	100
46) Dibromomethane	6.888	93	74359	52.960	ug/l	99
47) Bromodichloromethane	7.075	83	144297	50.692	ug/l	98
48) Methyl methacrylate	6.933	41	110034	50.671	ug/l	97
49) 1,4-Dioxane	6.936	88	60178	1046.001	ug/l	99
51) 4-Methyl-2-Pentanone	7.763	43	869871	256.950	ug/l	100
52) Toluene	7.943	92	216930	48.595	ug/l	98
53) t-1,3-Dichloropropene	8.184	75	115157	48.041	ug/l	97
54) cis-1,3-Dichloropropene	7.579	75	130910	48.726	ug/l	98
55) 1,1,2-Trichloroethane	8.374	97	105416	51.459	ug/l	98
56) Ethyl methacrylate	8.309	69	159307	52.704	ug/l	99
57) 1,3-Dichloropropane	8.547	76	167275	50.051	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.444	63	9352	257.300	ug/l	92
59) 2-Hexanone	8.657	43	652968	258.963	ug/l	100
60) Dibromochloromethane	8.782	129	108654	50.640	ug/l	98
61) 1,2-Dibromoethane	8.898	107	103482	52.423	ug/l	98
64) Tetrachloroethene	8.528	164	91741	49.358	ug/l	97
65) Chlorobenzene	9.422	112	275310	48.906	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.509	131	94683	49.451	ug/l	99
67) Ethyl Benzene	9.544	91	457716	48.816	ug/l	98
68) m/p-Xylenes	9.669	106	346019	99.978	ug/l	100
69) o-Xylene	10.075	106	175691	49.195	ug/l	99
70) Styrene	10.091	104	297504	51.862	ug/l	99
71) Bromoform	10.264	173	76985	49.931	ug/l #	99
73) Isopropylbenzene	10.460	105	476899	47.002	ug/l	100
74) N-amyl acetate	10.300	43	163937	46.374	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.756	83	182879	46.936	ug/l	99
76) 1,2,3-Trichloropropane	10.795	75	188472	46.311	ug/l #	100
77) Bromobenzene	10.756	156	119966	46.994	ug/l	100
78) n-propylbenzene	10.882	91	548646	47.137	ug/l	100
79) 2-Chlorotoluene	10.962	91	349244	46.421	ug/l	99
80) 1,3,5-Trimethylbenzene	11.065	105	408321	47.994	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.521	75	35508	46.480	ug/l	94
82) 4-Chlorotoluene	11.071	91	401799	46.998	ug/l	100
83) tert-Butylbenzene	11.393	119	415932	46.935	ug/l	100
84) 1,2,4-Trimethylbenzene	11.444	105	395222	47.338	ug/l	100
85) sec-Butylbenzene	11.618	105	527799	47.148	ug/l	99
86) p-Isopropyltoluene	11.769	119	434055	48.301	ug/l	99
87) 1,3-Dichlorobenzene	11.721	146	231569	48.283	ug/l	99
88) 1,4-Dichlorobenzene	11.811	146	236844	47.201	ug/l	99
89) n-Butylbenzene	12.184	91	379898	46.031	ug/l	100
90) Hexachloroethane	12.451	117	63760	46.508	ug/l	99
91) 1,2-Dichlorobenzene	12.187	146	231864	48.420	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.968	75	39098	48.972	ug/l	97
93) 1,2,4-Trichlorobenzene	13.814	180	142949	46.825	ug/l	99
94) Hexachlorobutadiene	13.994	225	72677	47.247	ug/l	99
95) Naphthalene	14.058	128	390548	47.224	ug/l	100
96) 1,2,3-Trichlorobenzene	14.303	180	135773	47.836	ug/l	99

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

