

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070825\
 Data File : VU063466.D
 Acq On : 08 Jul 2025 15:49
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICSVU070825

Quant Time: Jul 09 04:06:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 09 04:05:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.361	168	139265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.238	114	242484	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	217211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	116338	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.692	65	82609	46.492	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.980%
35) Dibromofluoromethane	5.277	113	70867	48.484	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.960%
50) Toluene-d8	7.888	98	225040	47.233	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.460%
62) 4-Bromofluorobenzene	10.624	95	100524	48.235	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.480%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.380	85	53771	48.547	ug/l	97
3) Chloromethane	1.518	50	60552	52.227	ug/l	99
4) Vinyl Chloride	1.599	62	71947	48.097	ug/l	96
5) Bromomethane	1.840	94	54171	51.687	ug/l	99
6) Chloroethane	1.920	64	47806	56.016	ug/l	97
7) Trichlorofluoromethane	2.126	101	119307	49.439	ug/l	99
8) Diethyl Ether	2.370	74	48405	48.130	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.567	101	69404	48.624	ug/l	98
10) Methyl Iodide	2.708	142	66268	44.448	ug/l	94
11) Tert butyl alcohol	3.190	59	166410	279.327	ug/l	98
12) 1,1-Dichloroethene	2.567	96	64645	48.653	ug/l	97
13) Acrolein	2.477	56	22468	267.190	ug/l	95
14) Allyl chloride	2.907	41	154344	48.801	ug/l	98
15) Acrylonitrile	3.303	53	353331	276.882	ug/l	98
16) Acetone	2.618	43	374734	251.410	ug/l	100
17) Carbon Disulfide	2.776	76	139141	54.285	ug/l	100
18) Methyl Acetate	2.940	43	204643	53.350	ug/l	99
19) Methyl tert-butyl Ether	3.358	73	288982	50.430	ug/l	100
20) Methylene Chloride	3.030	84	83000	51.496	ug/l	99
21) trans-1,2-Dichloroethene	3.332	96	65236	52.606	ug/l	95
22) Diisopropyl ether	3.991	45	268867	49.927	ug/l	99
23) Vinyl Acetate	3.946	43	1134709	271.555	ug/l	99
24) 1,1-Dichloroethane	3.849	63	150447	49.226	ug/l	100
25) 2-Butanone	4.702	43	474735	283.718	ug/l	100
26) 2,2-Dichloropropane	4.644	77	132893	49.979	ug/l	99
27) cis-1,2-Dichloroethene	4.650	96	93631	49.692	ug/l	99
28) Bromochloromethane	4.959	49	69709	48.555	ug/l	99
29) Tetrahydrofuran	5.049	42	294737	279.235	ug/l	99
30) Chloroform	5.071	83	158067	48.987	ug/l	97
31) Cyclohexane	5.367	56	115711	47.096	ug/l	98
32) 1,1,1-Trichloroethane	5.300	97	138128	50.275	ug/l	99
36) 1,1-Dichloropropene	5.512	75	97108	48.895	ug/l	99
37) Ethyl Acetate	4.804	43	153050	47.584	ug/l	99
38) Carbon Tetrachloride	5.509	117	108140	49.417	ug/l	100
39) Methylcyclohexane	6.746	83	113474	47.286	ug/l	97
40) Benzene	5.759	78	319860	51.569	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.965	41	82503	54.360	ug/l	98
42) 1,2-Dichloroethane	5.782	62	122240	52.412	ug/l	100
43) Isopropyl Acetate	5.907	43	234042	54.781	ug/l	99
44) Trichloroethene	6.531	130	81709	49.226	ug/l	98
45) 1,2-Dichloropropane	6.779	63	87536	50.767	ug/l	97
46) Dibromomethane	6.907	93	64117	52.263	ug/l	99
47) Bromodichloromethane	7.094	83	129105	50.610	ug/l	98
48) Methyl methacrylate	6.955	41	106451	53.910	ug/l	99
49) 1,4-Dioxane	6.962	88	50916	1175.066	ug/l	98
51) 4-Methyl-2-Pentanone	7.782	43	824127	266.514	ug/l	100
52) Toluene	7.959	92	201363	49.634	ug/l	96
53) t-1,3-Dichloropropene	8.200	75	122169	54.728	ug/l	100
54) cis-1,3-Dichloropropene	7.595	75	135710	54.308	ug/l	97
55) 1,1,2-Trichloroethane	8.390	97	87828	50.976	ug/l	95
56) Ethyl methacrylate	8.328	69	140788	50.656	ug/l	98
57) 1,3-Dichloropropane	8.566	76	144033	50.716	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.457	63	7630	264.380	ug/l	96
59) 2-Hexanone	8.676	43	635921	271.895	ug/l	100
60) Dibromochloromethane	8.798	129	102660	53.189	ug/l	99
61) 1,2-Dibromoethane	8.914	107	83782	49.545	ug/l	99
64) Tetrachloroethene	8.544	164	78273	48.407	ug/l	97
65) Chlorobenzene	9.438	112	236121	52.250	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.525	131	80980	52.251	ug/l	97
67) Ethyl Benzene	9.563	91	398347	51.288	ug/l	99
68) m/p-Xylenes	9.685	106	302467	102.040	ug/l	93
69) o-Xylene	10.090	106	152114	50.475	ug/l	100
70) Styrene	10.106	104	259709	54.198	ug/l	98
71) Bromoform	10.283	173	74122	54.870	ug/l #	100
73) Isopropylbenzene	10.476	105	402722	50.875	ug/l	100
74) N-amyl acetate	10.312	43	200312	56.427	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.772	83	154615	53.063	ug/l	100
76) 1,2,3-Trichloropropane	10.814	75	161410	52.359	ug/l #	81
77) Bromobenzene	10.775	156	101870	52.500	ug/l	96
78) n-propylbenzene	10.897	91	475995	51.849	ug/l	100
79) 2-Chlorotoluene	10.978	91	301851	52.427	ug/l	99
80) 1,3,5-Trimethylbenzene	11.078	105	351058	50.703	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.537	75	32483	52.553	ug/l	97
82) 4-Chlorotoluene	11.087	91	345649	52.880	ug/l	99
83) tert-Butylbenzene	11.412	119	341104	51.372	ug/l	98
84) 1,2,4-Trimethylbenzene	11.460	105	349767	51.444	ug/l	99
85) sec-Butylbenzene	11.634	105	448366	51.173	ug/l	100
86) p-Isopropyltoluene	11.785	119	370141	52.073	ug/l	100
87) 1,3-Dichlorobenzene	11.737	146	192899	51.589	ug/l	99
88) 1,4-Dichlorobenzene	11.827	146	195838	51.371	ug/l	100
89) n-Butylbenzene	12.200	91	354441	53.876	ug/l	99
90) Hexachloroethane	12.467	117	62569	52.630	ug/l	98
91) 1,2-Dichlorobenzene	12.203	146	190537	52.257	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.987	75	41674	60.388	ug/l	99
93) 1,2,4-Trichlorobenzene	13.833	180	129486	55.453	ug/l	99
94) Hexachlorobutadiene	14.013	225	54527	54.628	ug/l	96
95) Naphthalene	14.077	128	456524	59.699	ug/l	100
96) 1,2,3-Trichlorobenzene	14.322	180	126813	55.262	ug/l	99

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

