

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111025\
 Data File : VU063696.D
 Acq On : 10 Nov 2025 15:38
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICSVU111025

Quant Time: Nov 11 01:47:55 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

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	101	0.00
2 T	Dichlorodifluoromethane	0.302	0.266	11.9	99	0.00
3 P	Chloromethane	0.351	0.290	17.4	101	0.00
4 C	Vinyl Chloride	0.371	0.331	10.8#	99	0.00
5 T	Bromomethane	0.261	0.246	5.7	111	0.00
6 T	Chloroethane	0.281	0.249	11.4	100	0.00
7 T	Trichlorofluoromethane	0.711	0.634	10.8	98	0.00
8 T	Diethyl Ether	0.302	0.270	10.6	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.452	0.415	8.2	98	0.00
10 T	Methyl Iodide	0.450	0.418	7.1	84	0.00
11 T	Tert butyl alcohol	0.172	0.144	16.3	94	0.00
12 CM	1,1-Dichloroethene	0.389	0.349	10.3#	100	0.00
13 T	Acrolein	0.014	0.010	28.6#	86	0.00
14 T	Allyl chloride	0.725	0.662	8.7	98	0.00
15 T	Acrylonitrile	0.353	0.341	3.4	98	0.00
16 T	Acetone	0.483	0.383	20.7#	96	0.00
17 T	Carbon Disulfide	0.572	0.478	16.4	103	0.00
18 T	Methyl Acetate	1.146	1.219	-6.4	96	0.00
19 T	Methyl tert-butyl Ether	1.754	1.657	5.5	99	0.00
20 T	Methylene Chloride	0.551	0.468	15.1	100	0.00
21 T	trans-1,2-Dichloroethene	0.399	0.366	8.3	101	0.00
22 T	Diisopropyl ether	1.597	1.479	7.4	99	0.00
23 T	Vinyl Acetate	1.089	1.019	6.4	99	0.00
24 P	1,1-Dichloroethane	0.921	0.854	7.3	99	0.00
25 T	2-Butanone	0.509	0.475	6.7	98	0.00
26 T	2,2-Dichloropropane	0.791	0.732	7.5	98	0.00
27 T	cis-1,2-Dichloroethene	0.583	0.547	6.2	101	0.00
28 T	Bromochloromethane	0.369	0.395	-7.0	101	0.00
29 T	Tetrahydrofuran	0.296	0.276	6.8	97	0.00
30 C	Chloroform	1.009	0.962	4.7#	101	0.00
31 T	Cyclohexane	0.650	0.563	13.4	100	0.00
32 T	1,1,1-Trichloroethane	0.828	0.782	5.6	99	0.00
33 S	1,2-Dichloroethane-d4	0.739	0.694	6.1	99	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
35 S	Dibromofluoromethane	0.350	0.332	5.1	100	0.00
36 T	1,1-Dichloropropene	0.356	0.316	11.2	98	0.00
37 T	Ethyl Acetate	0.505	0.442	12.5	97	0.00
38 T	Carbon Tetrachloride	0.385	0.350	9.1	98	0.00
39 T	Methylcyclohexane	0.405	0.370	8.6	100	0.00
40 TM	Benzene	1.150	1.042	9.4	99	0.00
41 T	Methacrylonitrile	0.262	0.249	5.0	98	0.00
42 TM	1,2-Dichloroethane	0.454	0.431	5.1	101	0.00
43 T	Isopropyl Acetate	0.740	0.698	5.7	98	0.00
44 TM	Trichloroethene	0.323	0.275	14.9	95	0.00
45 C	1,2-Dichloropropane	0.313	0.295	5.8#	99	0.00
46 T	Dibromomethane	0.235	0.223	5.1	99	0.00
47 T	Bromodichloromethane	0.476	0.454	4.6	101	0.00
48 T	Methyl methacrylate	0.363	0.347	4.4	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.010	0.008	20.0	91	0.00
50 S	Toluene-d8	1.258	1.149	8.7	98	0.00
51 T	4-Methyl-2-Pentanone	0.566	0.530	6.4	98	0.00
52 CM	Toluene	0.746	0.699	6.3#	100	0.00
53 T	t-1,3-Dichloropropene	0.401	0.372	7.2	100	0.00
54 T	cis-1,3-Dichloropropene	0.449	0.424	5.6	99	0.00
55 T	1,1,2-Trichloroethane	0.343	0.325	5.2	100	0.00
56 T	Ethyl methacrylate	0.505	0.500	1.0	101	0.00
57 T	1,3-Dichloropropane	0.559	0.523	6.4	100	0.00
58 T	2-Chloroethyl Vinyl ether	0.006	0.004	33.3#	82	0.00
59 T	2-Hexanone	0.422	0.400	5.2	98	0.00
60 T	Dibromochloromethane	0.359	0.347	3.3	102	0.00
61 T	1,2-Dibromoethane	0.330	0.314	4.8	99	0.00
62 S	4-Bromofluorobenzene	0.520	0.507	2.5	104	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
64 T	Tetrachloroethene	0.323	0.293	9.3	97	0.00
65 PM	Chlorobenzene	0.977	0.886	9.3	99	0.00
66 T	1,1,1,2-Tetrachloroethane	0.332	0.306	7.8	98	0.00
67 C	Ethyl Benzene	1.627	1.504	7.6#	100	0.00
68 T	m/p-Xylenes	0.601	0.564	6.2	99	0.00
69 T	o-Xylene	0.620	0.570	8.1	99	0.00
70 T	Styrene	0.996	0.959	3.7	99	0.00
71 P	Bromoform	0.268	0.255	4.9	101	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	112	0.00
73 T	Isopropylbenzene	3.141	2.659	15.3	99	0.00
74 T	N-amyl acetate	1.094	0.982	10.2	99	0.00
75 P	1,1,2,2-Tetrachloroethane	1.206	1.007	16.5	99	0.00
76 T	1,2,3-Trichloropropane	1.260	1.034	17.9	96	0.00
77 T	Bromobenzene	0.790	0.663	16.1	100	0.00
78 T	n-propylbenzene	3.604	3.085	14.4	97	0.00
79 T	2-Chlorotoluene	2.329	1.956	16.0	100	0.00
80 T	1,3,5-Trimethylbenzene	2.634	2.285	13.2	99	0.00
81 T	trans-1,4-Dichloro-2-butene	0.237	0.200	15.6	92	0.00
82 T	4-Chlorotoluene	2.647	2.238	15.5	99	0.00
83 T	tert-Butylbenzene	2.744	2.350	14.4	100	0.00
84 T	1,2,4-Trimethylbenzene	2.585	2.270	12.2	100	0.00
85 T	sec-Butylbenzene	3.466	2.977	14.1	98	0.00
86 T	p-Isopropyltoluene	2.782	2.444	12.1	97	0.00
87 T	1,3-Dichlorobenzene	1.485	1.291	13.1	99	0.00
88 T	1,4-Dichlorobenzene	1.554	1.301	16.3	99	0.00
89 T	n-Butylbenzene	2.555	2.207	13.6	99	0.00
90 T	Hexachloroethane	0.424	0.366	13.7	98	0.00
91 T	1,2-Dichlorobenzene	1.483	1.275	14.0	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.247	0.222	10.1	98	0.00
93 T	1,2,4-Trichlorobenzene	0.945	0.827	12.5	99	0.00
94 T	Hexachlorobutadiene	0.476	0.410	13.9	99	0.00
95 T	Naphthalene	2.560	2.536	0.9	101	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.879	0.778	11.5	97	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6