

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082925\
 Data File : VN087701.D
 Acq On : 29 Aug 2025 15:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 29 22:56:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	83	0.00
2 T	Dichlorodifluoromethane	0.710	0.690	2.8	71	0.00
3 P	Chloromethane	0.730	0.777	-6.4	81	0.00
4 C	Vinyl Chloride	0.846	0.815	3.7#	75	0.00
5 T	Bromomethane	0.437	0.492	-12.6	91	0.00
6 T	Chloroethane	0.595	0.604	-1.5	83	0.00
7 T	Trichlorofluoromethane	1.240	1.207	2.7	79	0.00
8 T	Diethyl Ether	0.540	0.616	-14.1	97	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.701	0.667	4.9	80	0.00
10 T	Methyl Iodide	0.450	0.513	-14.0	88	0.00
11 T	Tert butyl alcohol	0.178	0.200	-12.4	90	0.00
12 CM	1,1-Dichloroethene	0.721	0.686	4.9#	81	0.00
13 T	Acrolein	0.219	0.232	-5.9	90	0.00
14 T	Allyl chloride	1.306	1.189	9.0	80	0.00
15 T	Acrylonitrile	0.502	0.540	-7.6	90	0.00
16 T	Acetone	0.558	0.527	5.6	84	0.00
17 T	Carbon Disulfide	1.985	1.678	15.5	70	0.00
18 T	Methyl Acetate	1.168	1.380	-18.2	99	0.00
19 T	Methyl tert-butyl Ether	2.704	2.984	-10.4	91	0.00
20 T	Methylene Chloride	0.948	0.851	10.2	86	0.00
21 T	trans-1,2-Dichloroethene	0.781	0.723	7.4	80	0.00
22 T	Diisopropyl ether	2.819	2.990	-6.1	86	0.00
23 T	Vinyl Acetate	2.565	2.773	-8.1	85	0.00
24 P	1,1-Dichloroethane	1.546	1.517	1.9	84	0.00
25 T	2-Butanone	0.734	0.779	-6.1	88	0.00
26 T	2,2-Dichloropropane	1.327	1.049	20.9	66	0.00
27 T	cis-1,2-Dichloroethene	0.934	0.929	0.5	82	0.00
28 T	Bromochloromethane	0.747	0.749	-0.3	89	0.00
29 T	Tetrahydrofuran	0.472	0.511	-8.3	89	0.00
30 C	Chloroform	1.578	1.620	-2.7#	85	0.00
31 T	Cyclohexane	1.289	1.102	14.5	74	0.00
32 T	1,1,1-Trichloroethane	1.337	1.235	7.6	79	0.00
33 S	1,2-Dichloroethane-d4	1.024	1.042	-1.8	90	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.00
35 S	Dibromofluoromethane	0.361	0.358	0.8	89	0.00
36 T	1,1-Dichloropropene	0.554	0.463	16.4	73	0.00
37 T	Ethyl Acetate	0.757	0.789	-4.2	89	0.00
38 T	Carbon Tetrachloride	0.547	0.499	8.8	77	0.00
39 T	Methylcyclohexane	0.610	0.519	14.9	73	0.00
40 TM	Benzene	1.699	1.612	5.1	80	0.00
41 T	Methacrylonitrile	0.392	0.409	-4.3	88	0.00
42 TM	1,2-Dichloroethane	0.653	0.664	-1.7	85	0.00
43 T	Isopropyl Acetate	1.182	1.273	-7.7	89	0.00
44 TM	Trichloroethene	0.388	0.342	11.9	76	0.00
45 C	1,2-Dichloropropane	0.448	0.433	3.3#	83	0.00
46 T	Dibromomethane	0.319	0.331	-3.8	87	0.00
47 T	Bromodichloromethane	0.653	0.665	-1.8	87	0.00
48 T	Methyl methacrylate	0.559	0.587	-5.0	88	0.00

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 Quant Title : SW846 8260
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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.007	0.008	-14.3	90	0.00
50 S	Toluene-d8	1.351	1.239	8.3	84	0.00
51 T	4-Methyl-2-Pentanone	0.713	0.797	-11.8	90	0.00
52 CM	Toluene	1.053	0.970	7.9#	77	0.00
53 T	t-1,3-Dichloropropene	0.676	0.685	-1.3	81	0.00
54 T	cis-1,3-Dichloropropene	0.702	0.686	2.3	80	0.00
55 T	1,1,2-Trichloroethane	0.407	0.436	-7.1	89	0.00
56 T	Ethyl methacrylate	0.651	0.742	-14.0	88	0.00
57 T	1,3-Dichloropropane	0.721	0.746	-3.5	85	0.00
58 T	2-Chloroethyl Vinyl ether	0.352	0.395	-12.2	93	0.00
59 T	2-Hexanone	0.451	0.541	-20.0	88	0.00
60 T	Dibromochloromethane	0.472	0.475	-0.6	85	0.00
61 T	1,2-Dibromoethane	0.430	0.452	-5.1	87	0.00
62 S	4-Bromofluorobenzene	0.481	0.457	5.0	85	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64 T	Tetrachloroethene	0.347	0.296	14.7	78	0.00
65 PM	Chlorobenzene	1.244	1.155	7.2	79	0.00
66 T	1,1,1,2-Tetrachloroethane	0.413	0.422	-2.2	83	0.00
67 C	Ethyl Benzene	2.154	2.007	6.8#	77	0.00
68 T	m/p-Xylenes	0.790	0.732	7.3	74	0.00
69 T	o-Xylene	0.774	0.757	2.2	78	0.00
70 T	Styrene	1.297	1.286	0.8	77	0.00
71 P	Bromoform	0.317	0.346	-9.1	89	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	80	0.00
73 T	Isopropylbenzene	4.040	3.834	5.1	76	0.00
74 T	N-amyl acetate	1.531	1.539	-0.5	79	0.00
75 P	1,1,2,2-Tetrachloroethane	1.391	1.520	-9.3	89	0.00
76 T	1,2,3-Trichloropropane	1.173	1.377	-17.4	103	0.00
77 T	Bromobenzene	0.953	0.937	1.7	80	0.00
78 T	n-propylbenzene	4.977	4.770	4.2	76	0.00
79 T	2-Chlorotoluene	2.995	2.878	3.9	77	0.00
80 T	1,3,5-Trimethylbenzene	3.428	3.265	4.8	75	0.00
81 T	trans-1,4-Dichloro-2-butene	0.443	0.470	-6.1	83	0.00
82 T	4-Chlorotoluene	3.149	2.958	6.1	75	0.00
83 T	tert-Butylbenzene	2.856	2.754	3.6	76	0.00
84 T	1,2,4-Trimethylbenzene	3.431	3.358	2.1	77	0.00
85 T	sec-Butylbenzene	4.239	3.994	5.8	76	0.00
86 T	p-Isopropyltoluene	3.500	3.330	4.9	75	0.00
87 T	1,3-Dichlorobenzene	1.876	1.769	5.7	77	0.00
88 T	1,4-Dichlorobenzene	1.952	1.819	6.8	78	0.00
89 T	n-Butylbenzene	3.476	3.234	7.0	75	0.00
90 T	Hexachloroethane	0.667	0.630	5.5	77	0.00
91 T	1,2-Dichlorobenzene	1.780	1.733	2.6	79	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.330	0.350	-6.1	88	0.00
93 T	1,2,4-Trichlorobenzene	1.069	0.998	6.6	78	0.00
94 T	Hexachlorobutadiene	0.381	0.318	16.5	72	0.00
95 T	Naphthalene	3.786	4.093	-8.1	87	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.045	1.008	3.5	80	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6