

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
 Data File : VN087181.D
 Acq On : 26 Jun 2025 09:50
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 27 01:20:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 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	74	0.00
2 T	Dichlorodifluoromethane	0.499	0.619	-24.0	92	0.00
3 P	Chloromethane	0.644	0.622	3.4	77	0.00
4 C	Vinyl Chloride	0.664	0.690	-3.9#	80	0.00
5 T	Bromomethane	0.372	0.322	13.4	67	0.00
6 T	Chloroethane	0.429	0.321	25.2#	58	0.00
7 T	Trichlorofluoromethane	0.868	0.717	17.4	64	0.00
8 T	Diethyl Ether	0.378	0.286	24.3	59	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.545	0.515	5.5	74	0.00
10 T	Methyl Iodide	0.707	0.423	40.2#	46#	0.00
11 T	Tert butyl alcohol	0.182	0.174	4.4	74	-0.01
12 CM	1,1-Dichloroethene	0.557	0.472	15.3#	66	0.01
13 T	Acrolein	0.057	0.022	61.4#	36#	0.00
14 T	Allyl chloride	0.923	1.028	-11.4	88	0.00
15 T	Acrylonitrile	0.425	0.490	-15.3	89	0.00
16 T	Acetone	0.355	0.338	4.8	78	0.00
17 T	Carbon Disulfide	1.539	1.454	5.5	76	0.00
18 T	Methyl Acetate	1.035	1.121	-8.3	84	0.00
19 T	Methyl tert-butyl Ether	2.015	2.356	-16.9	91	0.00
20 T	Methylene Chloride	0.665	0.753	-13.2	92	0.00
21 T	trans-1,2-Dichloroethene	0.619	0.713	-15.2	93	0.00
22 T	Diisopropyl ether	1.945	2.388	-22.8	96	0.00
23 T	Vinyl Acetate	1.644	2.107	-28.2#	98	0.00
24 P	1,1-Dichloroethane	1.120	1.370	-22.3	96	0.00
25 T	2-Butanone	0.577	0.656	-13.7	88	0.00
26 T	2,2-Dichloropropane	0.871	1.219	-40.0#	100	0.00
27 T	cis-1,2-Dichloroethene	0.740	0.864	-16.8	92	0.00
28 T	Bromochloromethane	0.550	0.557	-1.3	89	0.00
29 T	Tetrahydrofuran	0.376	0.430	-14.4	89	0.00
30 C	Chloroform	1.118	1.334	-19.3#	93	0.00
31 T	Cyclohexane	1.086	1.145	-5.4	85	0.00
32 T	1,1,1-Trichloroethane	0.951	1.129	-18.7	94	0.00
33 S	1,2-Dichloroethane-d4	0.669	0.704	-5.2	105	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	72	0.00
35 S	Dibromofluoromethane	0.296	0.323	-9.1	107	0.00
36 T	1,1-Dichloropropene	0.442	0.544	-23.1	94	0.00
37 T	Ethyl Acetate	0.562	0.704	-25.3#	95	0.00
38 T	Carbon Tetrachloride	0.433	0.532	-22.9	94	0.00
39 T	Methylcyclohexane	0.605	0.618	-2.1	78	0.00
40 TM	Benzene	1.444	1.725	-19.5	93	0.00
41 T	Methacrylonitrile	0.316	0.379	-19.9	90	0.00
42 TM	1,2-Dichloroethane	0.438	0.565	-29.0#	99	0.00
43 T	Isopropyl Acetate	0.902	1.079	-19.6	92	0.00
44 TM	Trichloroethene	0.342	0.400	-17.0	88	0.00
45 C	1,2-Dichloropropane	0.351	0.438	-24.8#	95	0.00
46 T	Dibromomethane	0.233	0.289	-24.0	94	0.00
47 T	Bromodichloromethane	0.480	0.599	-24.8	95	0.00
48 T	Methyl methacrylate	0.415	0.504	-21.4	93	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.008	0.007	12.5	66	0.00
50 S	Toluene-d8	1.173	1.166	0.6	98	0.00
51 T	4-Methyl-2-Pentanone	0.543	0.682	-25.6#	92	0.00
52 CM	Toluene	0.882	1.061	-20.3#	92	0.00
53 T	t-1,3-Dichloropropene	0.537	0.668	-24.4	93	0.00
54 T	cis-1,3-Dichloropropene	0.574	0.714	-24.4	94	0.00
55 T	1,1,2-Trichloroethane	0.340	0.407	-19.7	91	0.00
56 T	Ethyl methacrylate	0.541	0.685	-26.6#	89	0.00
57 T	1,3-Dichloropropane	0.589	0.715	-21.4	92	0.00
58 T	2-Chloroethyl Vinyl ether	0.323	0.367	-13.6	97	0.00
59 T	2-Hexanone	0.350	0.447	-27.7#	88	0.00
60 T	Dibromochloromethane	0.354	0.440	-24.3	94	0.00
61 T	1,2-Dibromoethane	0.348	0.417	-19.8	92	0.00
62 S	4-Bromofluorobenzene	0.436	0.448	-2.8	100	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	75	0.00
64 T	Tetrachloroethene	0.316	0.341	-7.9	87	0.00
65 PM	Chlorobenzene	1.103	1.276	-15.7	93	0.00
66 T	1,1,1,2-Tetrachloroethane	0.354	0.428	-20.9	95	0.00
67 C	Ethyl Benzene	1.899	2.217	-16.7#	92	0.00
68 T	m/p-Xylenes	0.727	0.849	-16.8	91	0.00
69 T	o-Xylene	0.696	0.816	-17.2	91	0.00
70 T	Styrene	1.192	1.426	-19.6	92	0.00
71 P	Bromoform	0.263	0.326	-24.0	92	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	77	0.00
73 T	Isopropylbenzene	3.643	4.014	-10.2	90	0.00
74 T	N-amyl acetate	1.273	1.262	0.9	77	0.00
75 P	1,1,2,2-Tetrachloroethane	1.234	1.420	-15.1	93	0.00
76 T	1,2,3-Trichloropropane	1.189	1.167	1.9	77	0.00
77 T	Bromobenzene	0.835	0.945	-13.2	92	0.00
78 T	n-propylbenzene	4.427	4.931	-11.4	90	0.00
79 T	2-Chlorotoluene	2.655	2.940	-10.7	90	0.00
80 T	1,3,5-Trimethylbenzene	3.007	3.312	-10.1	88	0.00
81 T	trans-1,4-Dichloro-2-butene	0.516	0.542	-5.0	88	0.00
82 T	4-Chlorotoluene	2.686	3.081	-14.7	94	0.00
83 T	tert-Butylbenzene	2.753	2.850	-3.5	84	0.00
84 T	1,2,4-Trimethylbenzene	3.016	3.423	-13.5	91	0.00
85 T	sec-Butylbenzene	3.998	4.129	-3.3	83	0.00
86 T	p-Isopropyltoluene	3.305	3.362	-1.7	81	0.00
87 T	1,3-Dichlorobenzene	1.644	1.831	-11.4	91	0.00
88 T	1,4-Dichlorobenzene	1.676	1.920	-14.6	94	0.00
89 T	n-Butylbenzene	3.201	3.176	0.8	80	0.00
90 T	Hexachloroethane	0.560	0.639	-14.1	92	0.00
91 T	1,2-Dichlorobenzene	1.579	1.794	-13.6	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.295	0.303	-2.7	86	0.00
93 T	1,2,4-Trichlorobenzene	1.008	1.017	-0.9	81	0.00
94 T	Hexachlorobutadiene	0.376	0.281	25.3#	60	0.00
95 T	Naphthalene	3.753	3.817	-1.7	82	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	1.002	0.993	0.9	81	0.00

(#) = Out of Range

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