

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062425\
 Data File : VN087149.D
 Acq On : 24 Jun 2025 11:14
 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 25 04:13:31 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	66	0.00
2 T	Dichlorodifluoromethane	0.499	0.552	-10.6	73	0.00
3 P	Chloromethane	0.644	0.637	1.1	71	0.00
4 C	Vinyl Chloride	0.664	0.712	-7.2#	74	0.00
5 T	Bromomethane	0.372	0.444	-19.4	83	0.00
6 T	Chloroethane	0.429	0.580	-35.2#	94	0.00
7 T	Trichlorofluoromethane	0.868	1.153	-32.8#	92	0.00
8 T	Diethyl Ether	0.378	0.394	-4.2	72	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.545	0.573	-5.1	73	0.00
10 T	Methyl Iodide	0.707	0.516	27.0#	50	0.00
11 T	Tert butyl alcohol	0.182	0.179	1.6	67	0.00
12 CM	1,1-Dichloroethene	0.557	0.567	-1.8#	71	0.00
13 T	Acrolein	0.057	0.046	19.3	68	0.00
14 T	Allyl chloride	0.923	0.957	-3.7	73	0.00
15 T	Acrylonitrile	0.425	0.455	-7.1	74	0.00
16 T	Acetone	0.355	0.328	7.6	68	0.00
17 T	Carbon Disulfide	1.539	1.598	-3.8	74	0.00
18 T	Methyl Acetate	1.035	1.011	2.3	68	0.00
19 T	Methyl tert-butyl Ether	2.015	2.175	-7.9	75	0.00
20 T	Methylene Chloride	0.665	0.684	-2.9	75	0.00
21 T	trans-1,2-Dichloroethene	0.619	0.652	-5.3	76	0.00
22 T	Diisopropyl ether	1.945	2.154	-10.7	77	0.00
23 T	Vinyl Acetate	1.644	1.860	-13.1	78	0.00
24 P	1,1-Dichloroethane	1.120	1.271	-13.5	79	0.00
25 T	2-Butanone	0.577	0.667	-15.6	80	0.00
26 T	2,2-Dichloropropane	0.871	1.105	-26.9#	81	0.00
27 T	cis-1,2-Dichloroethene	0.740	0.868	-17.3	82	0.00
28 T	Bromochloromethane	0.550	0.574	-4.4	82	0.00
29 T	Tetrahydrofuran	0.376	0.444	-18.1	82	0.00
30 C	Chloroform	1.118	1.324	-18.4#	83	0.00
31 T	Cyclohexane	1.086	1.232	-13.4	81	0.00
32 T	1,1,1-Trichloroethane	0.951	1.128	-18.6	84	0.00
33 S	1,2-Dichloroethane-d4	0.669	0.710	-6.1	94	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	72	0.00
35 S	Dibromofluoromethane	0.296	0.291	1.7	96	0.00
36 T	1,1-Dichloropropene	0.442	0.492	-11.3	85	0.00
37 T	Ethyl Acetate	0.562	0.647	-15.1	87	0.00
38 T	Carbon Tetrachloride	0.433	0.477	-10.2	84	0.00
39 T	Methylcyclohexane	0.605	0.638	-5.5	81	0.00
40 TM	Benzene	1.444	1.662	-15.1	89	0.00
41 T	Methacrylonitrile	0.316	0.338	-7.0	80	0.00
42 TM	1,2-Dichloroethane	0.438	0.505	-15.3	88	0.00
43 T	Isopropyl Acetate	0.902	1.027	-13.9	87	0.00
44 TM	Trichloroethene	0.342	0.393	-14.9	87	0.00
45 C	1,2-Dichloropropane	0.351	0.444	-26.5#	96	0.00
46 T	Dibromomethane	0.233	0.296	-27.0#	97	0.00
47 T	Bromodichloromethane	0.480	0.595	-24.0	94	0.00
48 T	Methyl methacrylate	0.415	0.522	-25.8#	96	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	0.009	-12.5	79	0.00
50 S	Toluene-d8	1.173	1.205	-2.7	101	0.00
51 T	4-Methyl-2-Pentanone	0.543	0.695	-28.0#	93	0.00
52 CM	Toluene	0.882	1.106	-25.4#	95	0.00
53 T	t-1,3-Dichloropropene	0.537	0.685	-27.6#	95	0.00
54 T	cis-1,3-Dichloropropene	0.574	0.733	-27.7#	96	0.00
55 T	1,1,2-Trichloroethane	0.340	0.417	-22.6	93	0.00
56 T	Ethyl methacrylate	0.541	0.717	-32.5#	93	0.00
57 T	1,3-Dichloropropane	0.589	0.735	-24.8	94	0.00
58 T	2-Chloroethyl Vinyl ether	0.323	0.356	-10.2	94	0.00
59 T	2-Hexanone	0.350	0.451	-28.9#	88	0.00
60 T	Dibromochloromethane	0.354	0.442	-24.9	94	0.00
61 T	1,2-Dibromoethane	0.348	0.434	-24.7	95	0.00
62 S	4-Bromofluorobenzene	0.436	0.477	-9.4	106	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	70	0.00
64 T	Tetrachloroethene	0.316	0.372	-17.7	89	0.00
65 PM	Chlorobenzene	1.103	1.296	-17.5	89	0.00
66 T	1,1,1,2-Tetrachloroethane	0.354	0.453	-28.0#	94	0.00
67 C	Ethyl Benzene	1.899	2.402	-26.5#	94	0.00
68 T	m/p-Xylenes	0.727	0.920	-26.5#	92	0.00
69 T	o-Xylene	0.696	0.881	-26.6#	91	0.00
70 T	Styrene	1.192	1.515	-27.1#	91	0.00
71 P	Bromoform	0.263	0.360	-36.9#	95	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	74	0.00
73 T	Isopropylbenzene	3.643	4.318	-18.5	93	0.00
74 T	N-amyl acetate	1.273	1.445	-13.5	84	0.00
75 P	1,1,2,2-Tetrachloroethane	1.234	1.538	-24.6	96	0.00
76 T	1,2,3-Trichloropropane	1.189	1.303	-9.6	82	0.00
77 T	Bromobenzene	0.835	1.033	-23.7	96	0.00
78 T	n-propylbenzene	4.427	5.268	-19.0	92	0.00
79 T	2-Chlorotoluene	2.655	3.158	-18.9	93	0.00
80 T	1,3,5-Trimethylbenzene	3.007	3.543	-17.8	90	0.00
81 T	trans-1,4-Dichloro-2-butene	0.516	0.642	-24.4	99	0.00
82 T	4-Chlorotoluene	2.686	3.279	-22.1	95	0.00
83 T	tert-Butylbenzene	2.753	3.166	-15.0	89	0.00
84 T	1,2,4-Trimethylbenzene	3.016	3.415	-13.2	86	0.00
85 T	sec-Butylbenzene	3.998	4.406	-10.2	85	0.00
86 T	p-Isopropyltoluene	3.305	3.671	-11.1	85	0.00
87 T	1,3-Dichlorobenzene	1.644	1.946	-18.4	92	0.00
88 T	1,4-Dichlorobenzene	1.676	1.919	-14.5	90	0.00
89 T	n-Butylbenzene	3.201	3.305	-3.2	79	0.00
90 T	Hexachloroethane	0.560	0.651	-16.2	89	0.00
91 T	1,2-Dichlorobenzene	1.579	1.877	-18.9	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.295	0.344	-16.6	93	0.00
93 T	1,2,4-Trichlorobenzene	1.008	1.093	-8.4	83	0.00
94 T	Hexachlorobutadiene	0.376	0.317	15.7	64	0.00
95 T	Naphthalene	3.753	4.311	-14.9	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.002	0.977	2.5	76	0.00

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