

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
 Data File : VN086965.D
 Acq On : 11 Jun 2025 21:23
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 12 01:48:05 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	86	0.00
2 T	Dichlorodifluoromethane	0.499	0.552	-10.6	94	0.00
3 P	Chloromethane	0.644	0.581	9.8	83	0.00
4 C	Vinyl Chloride	0.664	0.712	-7.2#	95	0.00
5 T	Bromomethane	0.372	0.246	33.9#	59	-0.01
6 T	Chloroethane	0.429	0.477	-11.2	100	0.00
7 T	Trichlorofluoromethane	0.868	0.969	-11.6	100	0.00
8 T	Diethyl Ether	0.378	0.426	-12.7	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.545	0.587	-7.7	97	0.00
10 T	Methyl Iodide	0.707	0.264	62.7#	33#	0.00
11 T	Tert butyl alcohol	0.182	0.204	-12.1	99	0.00
12 CM	1,1-Dichloroethene	0.557	0.599	-7.5#	96	0.00
13 T	Acrolein	0.057	0.172	-201.8#	324#	0.00
14 T	Allyl chloride	0.923	0.940	-1.8	93	0.00
15 T	Acrylonitrile	0.425	0.476	-12.0	100	0.00
16 T	Acetone	0.355	0.373	-5.1	99	0.00
17 T	Carbon Disulfide	1.539	1.512	1.8	91	0.00
18 T	Methyl Acetate	1.035	1.207	-16.6	105	0.00
19 T	Methyl tert-butyl Ether	2.015	2.289	-13.6	101	0.00
20 T	Methylene Chloride	0.665	0.707	-6.3	100	0.00
21 T	trans-1,2-Dichloroethene	0.619	0.653	-5.5	98	0.00
22 T	Diisopropyl ether	1.945	2.151	-10.6	99	0.00
23 T	Vinyl Acetate	1.644	1.829	-11.3	98	0.00
24 P	1,1-Dichloroethane	1.120	1.255	-12.1	101	0.00
25 T	2-Butanone	0.577	0.628	-8.8	98	0.00
26 T	2,2-Dichloropropane	0.871	0.842	3.3	80	0.00
27 T	cis-1,2-Dichloroethene	0.740	0.824	-11.4	101	0.00
28 T	Bromochloromethane	0.550	0.630	-14.5	116	0.00
29 T	Tetrahydrofuran	0.376	0.407	-8.2	97	0.00
30 C	Chloroform	1.118	1.234	-10.4#	100	0.00
31 T	Cyclohexane	1.086	1.022	5.9	87	0.00
32 T	1,1,1-Trichloroethane	0.951	1.024	-7.7	98	0.00
33 S	1,2-Dichloroethane-d4	0.669	0.697	-4.2	119	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
35 S	Dibromofluoromethane	0.296	0.314	-6.1	123	0.00
36 T	1,1-Dichloropropene	0.442	0.469	-6.1	97	0.00
37 T	Ethyl Acetate	0.562	0.601	-6.9	97	0.00
38 T	Carbon Tetrachloride	0.433	0.462	-6.7	97	0.00
39 T	Methylcyclohexane	0.605	0.540	10.7	82	0.00
40 TM	Benzene	1.444	1.551	-7.4	99	0.00
41 T	Methacrylonitrile	0.316	0.345	-9.2	98	0.00
42 TM	1,2-Dichloroethane	0.438	0.472	-7.8	99	0.00
43 T	Isopropyl Acetate	0.902	0.972	-7.8	98	0.00
44 TM	Trichloroethene	0.342	0.366	-7.0	96	0.00
45 C	1,2-Dichloropropane	0.351	0.381	-8.5#	99	0.00
46 T	Dibromomethane	0.233	0.263	-12.9	103	0.00
47 T	Bromodichloromethane	0.480	0.537	-11.9	101	0.00
48 T	Methyl methacrylate	0.415	0.441	-6.3	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	100	0.00
50 S	Toluene-d8	1.173	1.171	0.2	117	0.00
51 T	4-Methyl-2-Pentanone	0.543	0.610	-12.3	98	0.00
52 CM	Toluene	0.882	0.953	-8.0#	98	0.00
53 T	t-1,3-Dichloropropene	0.537	0.588	-9.5	97	0.00
54 T	cis-1,3-Dichloropropene	0.574	0.623	-8.5	97	0.00
55 T	1,1,2-Trichloroethane	0.340	0.379	-11.5	101	0.00
56 T	Ethyl methacrylate	0.541	0.641	-18.5	99	0.00
57 T	1,3-Dichloropropane	0.589	0.652	-10.7	100	0.00
58 T	2-Chloroethyl Vinyl ether	0.323	0.381	-18.0	120	0.00
59 T	2-Hexanone	0.350	0.405	-15.7	95	0.00
60 T	Dibromochloromethane	0.354	0.407	-15.0	103	0.00
61 T	1,2-Dibromoethane	0.348	0.391	-12.4	102	0.00
62 S	4-Bromofluorobenzene	0.436	0.449	-3.0	119	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.00
64 T	Tetrachloroethene	0.316	0.320	-1.3	94	0.00
65 PM	Chlorobenzene	1.103	1.173	-6.3	99	0.00
66 T	1,1,1,2-Tetrachloroethane	0.354	0.396	-11.9	101	0.00
67 C	Ethyl Benzene	1.899	2.012	-6.0#	96	0.00
68 T	m/p-Xylenes	0.727	0.775	-6.6	95	0.00
69 T	o-Xylene	0.696	0.766	-10.1	98	0.00
70 T	Styrene	1.192	1.318	-10.6	98	0.00
71 P	Bromoform	0.263	0.313	-19.0	102	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.00
73 T	Isopropylbenzene	3.643	3.761	-3.2	93	0.00
74 T	N-amyl acetate	1.273	1.329	-4.4	89	0.00
75 P	1,1,2,2-Tetrachloroethane	1.234	1.414	-14.6	102	0.00
76 T	1,2,3-Trichloropropane	1.189	1.228	-3.3	89	0.00
77 T	Bromobenzene	0.835	0.929	-11.3	100	0.00
78 T	n-propylbenzene	4.427	4.531	-2.3	91	0.00
79 T	2-Chlorotoluene	2.655	2.781	-4.7	94	0.00
80 T	1,3,5-Trimethylbenzene	3.007	3.122	-3.8	91	0.00
81 T	trans-1,4-Dichloro-2-butene	0.516	0.509	1.4	91	0.00
82 T	4-Chlorotoluene	2.686	2.864	-6.6	96	0.00
83 T	tert-Butylbenzene	2.753	2.793	-1.5	90	0.00
84 T	1,2,4-Trimethylbenzene	3.016	3.151	-4.5	92	0.00
85 T	sec-Butylbenzene	3.998	3.872	3.2	86	0.00
86 T	p-Isopropyltoluene	3.305	3.237	2.1	86	0.00
87 T	1,3-Dichlorobenzene	1.644	1.784	-8.5	97	0.00
88 T	1,4-Dichlorobenzene	1.676	1.781	-6.3	96	0.00
89 T	n-Butylbenzene	3.201	2.977	7.0	82	0.00
90 T	Hexachloroethane	0.560	0.590	-5.4	93	0.00
91 T	1,2-Dichlorobenzene	1.579	1.721	-9.0	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.295	0.323	-9.5	101	0.00
93 T	1,2,4-Trichlorobenzene	1.008	0.998	1.0	87	0.00
94 T	Hexachlorobutadiene	0.376	0.315	16.2	73	0.00
95 T	Naphthalene	3.753	4.057	-8.1	96	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	0.977	2.5	87	0.00

(#) = Out of Range

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