

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031225\
 Data File : VN085968.D
 Acq On : 12 Mar 2025 18:30
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 13 01:43:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 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	54	0.00
2 T	Dichlorodifluoromethane	0.680	0.585	14.0	47#	0.00
3 P	Chloromethane	0.682	0.541	20.7	47#	0.00
4 C	Vinyl Chloride	0.723	0.546	24.5#	44#	0.00
5 T	Bromomethane	0.462	0.339	26.6#	43#	0.00
6 T	Chloroethane	0.479	0.338	29.4#	44#	0.00
7 T	Trichlorofluoromethane	1.046	0.905	13.5	51	0.00
8 T	Diethyl Ether	0.339	0.313	7.7	51	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.605	0.491	18.8	47#	0.01
10 T	Methyl Iodide	0.745	0.688	7.7	52	0.00
11 T	Tert butyl alcohol	0.080	0.068	15.0	47#	0.00
12 CM	1,1-Dichloroethene	0.548	0.478	12.8#	49#	0.00
13 T	Acrolein	0.118	0.104	11.9	44#	0.00
14 T	Allyl chloride	0.720	0.648	10.0	51	0.00
15 T	Acrylonitrile	0.259	0.237	8.5	53	0.00
16 T	Acetone	0.205	0.170	17.1	50	0.00
17 T	Carbon Disulfide	1.625	1.427	12.2	53	0.00
18 T	Methyl Acetate	0.705	0.508	27.9#	45#	0.00
19 T	Methyl tert-butyl Ether	1.629	1.645	-1.0	54	0.00
20 T	Methylene Chloride	0.660	0.560	15.2	51	0.00
21 T	trans-1,2-Dichloroethene	0.590	0.512	13.2	51	0.00
22 T	Diisopropyl ether	1.627	1.521	6.5	50	0.00
23 T	Vinyl Acetate	1.114	1.175	-5.5	57	0.00
24 P	1,1-Dichloroethane	1.106	0.967	12.6	51	0.00
25 T	2-Butanone	0.302	0.269	10.9	49#	0.01
26 T	2,2-Dichloropropane	0.983	0.857	12.8	49#	0.00
27 T	cis-1,2-Dichloroethene	0.685	0.609	11.1	50#	0.00
28 T	Bromochloromethane	0.454	0.400	11.9	49#	0.00
29 T	Tetrahydrofuran	0.195	0.184	5.6	51	0.00
30 C	Chloroform	1.156	1.037	10.3#	53	0.00
31 T	Cyclohexane	0.926	0.790	14.7	50#	0.00
32 T	1,1,1-Trichloroethane	1.028	0.935	9.0	52	0.00
33 S	1,2-Dichloroethane-d4	0.648	0.603	6.9	53	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	55	0.00
35 S	Dibromofluoromethane	0.327	0.302	7.6	52	0.00
36 T	1,1-Dichloropropene	0.463	0.431	6.9	51	0.00
37 T	Ethyl Acetate	0.381	0.342	10.2	50#	0.00
38 T	Carbon Tetrachloride	0.550	0.518	5.8	53	0.00
39 T	Methylcyclohexane	0.455	0.424	6.8	47#	0.00
40 TM	Benzene	1.484	1.358	8.5	51	0.00
41 T	Methacrylonitrile	0.204	0.189	7.4	48#	0.00
42 TM	1,2-Dichloroethane	0.483	0.456	5.6	55	0.00
43 T	Isopropyl Acetate	0.807	0.614	23.9	53	0.00
44 TM	Trichloroethene	0.364	0.311	14.6	50	0.00
45 C	1,2-Dichloropropane	0.358	0.327	8.7#	51	0.00
46 T	Dibromomethane	0.253	0.232	8.3	52	0.00
47 T	Bromodichloromethane	0.541	0.499	7.8	53	0.00
48 T	Methyl methacrylate	0.283	0.282	0.4	51	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.005	0.005	0.0	52	0.00
50 S	Toluene-d8	1.190	1.102	7.4	50	0.00
51 T	4-Methyl-2-Pentanone	0.367	0.356	3.0	51	0.00
52 CM	Toluene	0.870	0.855	1.7#	52	0.00
53 T	t-1,3-Dichloropropene	0.500	0.505	-1.0	53	0.00
54 T	cis-1,3-Dichloropropene	0.548	0.540	1.5	52	0.00
55 T	1,1,2-Trichloroethane	0.346	0.317	8.4	52	0.00
56 T	Ethyl methacrylate	0.434	0.489	-12.7	54	0.00
57 T	1,3-Dichloropropane	0.577	0.550	4.7	53	0.00
58 T	2-Chloroethyl Vinyl ether	0.195	0.200	-2.6	63	0.00
59 T	2-Hexanone	0.253	0.253	0.0	51	0.00
60 T	Dibromochloromethane	0.403	0.399	1.0	54	0.00
61 T	1,2-Dibromoethane	0.327	0.316	3.4	54	0.00
62 S	4-Bromofluorobenzene	0.392	0.404	-3.1	53	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	56	0.00
64 T	Tetrachloroethene	0.387	0.340	12.1	52	0.00
65 PM	Chlorobenzene	1.145	1.016	11.3	51	0.00
66 T	1,1,1,2-Tetrachloroethane	0.412	0.378	8.3	53	0.00
67 C	Ethyl Benzene	1.794	1.759	2.0#	51	0.00
68 T	m/p-Xylenes	0.682	0.694	-1.8	52	0.00
69 T	o-Xylene	0.648	0.661	-2.0	52	0.00
70 T	Styrene	1.059	1.130	-6.7	52	0.00
71 P	Bromoform	0.306	0.303	1.0	56	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	60	0.00
73 T	Isopropylbenzene	3.425	3.059	10.7	51	0.00
74 T	N-amyl acetate	1.208	1.104	8.6	53	0.00
75 P	1,1,2,2-Tetrachloroethane	1.179	0.920	22.0	53	0.00
76 T	1,2,3-Trichloropropane	1.111	0.905	18.5	57	0.00
77 T	Bromobenzene	0.925	0.778	15.9	52	0.00
78 T	n-propylbenzene	3.923	3.625	7.6	51	0.00
79 T	2-Chlorotoluene	2.621	2.312	11.8	53	0.00
80 T	1,3,5-Trimethylbenzene	2.790	2.682	3.9	53	0.00
81 T	trans-1,4-Dichloro-2-butene	0.381	0.370	2.9	56	0.00
82 T	4-Chlorotoluene	2.598	2.347	9.7	53	0.00
83 T	tert-Butylbenzene	2.346	2.154	8.2	50	0.00
84 T	1,2,4-Trimethylbenzene	2.761	2.770	-0.3	54	0.00
85 T	sec-Butylbenzene	3.315	3.061	7.7	50	0.00
86 T	p-Isopropyltoluene	2.665	2.576	3.3	51	0.00
87 T	1,3-Dichlorobenzene	1.734	1.484	14.4	55	0.00
88 T	1,4-Dichlorobenzene	1.777	1.484	16.5	54	0.00
89 T	n-Butylbenzene	2.354	2.093	11.1	49#	0.00
90 T	Hexachloroethane	0.628	0.500	20.4	51	0.00
91 T	1,2-Dichlorobenzene	1.667	1.449	13.1	55	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.216	0.183	15.3	57	0.00
93 T	1,2,4-Trichlorobenzene	0.794	0.701	11.7	52	0.00
94 T	Hexachlorobutadiene	0.483	0.359	25.7#	51	0.00
95 T	Naphthalene	2.181	2.039	6.5	53	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	0.798	0.684	14.3	52	0.00

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