

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033125\
 Data File : VN086168.D
 Acq On : 31 Mar 2025 14:17
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 01 01:35:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 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	127	0.00
2 T	Dichlorodifluoromethane	0.662	0.625	5.6	124	0.00
3 P	Chloromethane	0.581	0.500	13.9	114	0.00
4 C	Vinyl Chloride	0.594	0.492	17.2#	106	0.00
5 T	Bromomethane	0.404	0.328	18.8	109	0.00
6 T	Chloroethane	0.375	0.305	18.7	118	0.00
7 T	Trichlorofluoromethane	1.067	0.906	15.1	118	0.00
8 T	Diethyl Ether	0.327	0.297	9.2	117	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.567	0.521	8.1	129	0.00
10 T	Methyl Iodide	0.739	0.690	6.6	121	0.00
11 T	Tert butyl alcohol	0.097	0.068	29.9#	92	0.00
12 CM	1,1-Dichloroethene	0.512	0.490	4.3#	121	0.00
13 T	Acrolein	0.103	0.098	4.9	124	0.00
14 T	Allyl chloride	0.639	0.582	8.9	120	0.00
15 T	Acrylonitrile	0.256	0.225	12.1	116	0.00
16 T	Acetone	0.209	0.200	4.3	131	0.00
17 T	Carbon Disulfide	1.685	1.474	12.5	124	0.00
18 T	Methyl Acetate	0.518	0.435	16.0	118	0.00
19 T	Methyl tert-butyl Ether	1.679	1.491	11.2	112	0.00
20 T	Methylene Chloride	0.612	0.542	11.4	122	0.00
21 T	trans-1,2-Dichloroethene	0.560	0.516	7.9	123	0.00
22 T	Diisopropyl ether	1.362	1.364	-0.1	126	0.00
23 T	Vinyl Acetate	1.032	0.998	3.3	119	0.00
24 P	1,1-Dichloroethane	1.001	0.917	8.4	123	0.00
25 T	2-Butanone	0.302	0.274	9.3	120	0.00
26 T	2,2-Dichloropropane	0.964	0.845	12.3	116	0.00
27 T	cis-1,2-Dichloroethene	0.636	0.602	5.3	121	0.00
28 T	Bromochloromethane	0.424	0.425	-0.2	138	0.00
29 T	Tetrahydrofuran	0.186	0.170	8.6	112	0.00
30 C	Chloroform	1.107	0.964	12.9#	121	0.00
31 T	Cyclohexane	0.853	0.799	6.3	127	0.00
32 T	1,1,1-Trichloroethane	1.048	0.892	14.9	115	0.00
33 S	1,2-Dichloroethane-d4	0.685	0.593	13.4	113	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	123	0.00
35 S	Dibromofluoromethane	0.349	0.328	6.0	121	0.00
36 T	1,1-Dichloropropene	0.460	0.447	2.8	121	0.00
37 T	Ethyl Acetate	0.388	0.342	11.9	115	0.00
38 T	Carbon Tetrachloride	0.604	0.541	10.4	115	0.00
39 T	Methylcyclohexane	0.456	0.475	-4.2	123	0.00
40 TM	Benzene	1.443	1.396	3.3	124	0.00
41 T	Methacrylonitrile	0.185	0.193	-4.3	124	0.00
42 TM	1,2-Dichloroethane	0.503	0.439	12.7	114	0.00
43 T	Isopropyl Acetate	0.840	0.577	31.3#	104	0.00
44 TM	Trichloroethene	0.374	0.334	10.7	119	0.00
45 C	1,2-Dichloropropane	0.328	0.332	-1.2#	128	0.00
46 T	Dibromomethane	0.258	0.237	8.1	120	0.00
47 T	Bromodichloromethane	0.539	0.494	8.3	118	0.00
48 T	Methyl methacrylate	0.277	0.269	2.9	115	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	0.007	0.006	14.3	107	0.00
50 S	Toluene-d8	1.267	1.234	2.6	120	0.00
51 T	4-Methyl-2-Pentanone	0.371	0.358	3.5	115	0.00
52 CM	Toluene	0.885	0.894	-1.0#	121	0.00
53 T	t-1,3-Dichloropropene	0.524	0.509	2.9	116	0.00
54 T	cis-1,3-Dichloropropene	0.553	0.539	2.5	117	0.00
55 T	1,1,2-Trichloroethane	0.338	0.325	3.8	123	0.00
56 T	Ethyl methacrylate	0.463	0.480	-3.7	112	0.00
57 T	1,3-Dichloropropane	0.574	0.551	4.0	120	0.00
58 T	2-Chloroethyl Vinyl ether	0.183	0.206	-12.6	119	0.00
59 T	2-Hexanone	0.270	0.270	0.0	117	0.00
60 T	Dibromochloromethane	0.436	0.409	6.2	117	0.00
61 T	1,2-Dibromoethane	0.347	0.327	5.8	115	0.00
62 S	4-Bromofluorobenzene	0.452	0.451	0.2	119	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	126	0.00
64 T	Tetrachloroethene	0.399	0.371	7.0	126	0.00
65 PM	Chlorobenzene	1.144	1.044	8.7	122	0.00
66 T	1,1,1,2-Tetrachloroethane	0.425	0.382	10.1	118	0.00
67 C	Ethyl Benzene	1.830	1.803	1.5#	119	0.00
68 T	m/p-Xylenes	0.719	0.728	-1.3	122	0.00
69 T	o-Xylene	0.660	0.664	-0.6	118	0.00
70 T	Styrene	1.128	1.166	-3.4	121	0.00
71 P	Bromoform	0.356	0.306	14.0	112	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	134	0.00
73 T	Isopropylbenzene	3.414	3.173	7.1	118	0.00
74 T	N-amyl acetate	1.142	1.032	9.6	113	0.00
75 P	1,1,2,2-Tetrachloroethane	1.155	0.924	20.0	118	0.00
76 T	1,2,3-Trichloropropane	1.119	0.967	13.6	112	0.00
77 T	Bromobenzene	0.952	0.833	12.5	123	0.00
78 T	n-propylbenzene	3.866	3.760	2.7	121	0.00
79 T	2-Chlorotoluene	2.568	2.362	8.0	121	0.00
80 T	1,3,5-Trimethylbenzene	2.883	2.746	4.8	118	0.00
81 T	trans-1,4-Dichloro-2-butene	0.423	0.372	12.1	121	0.00
82 T	4-Chlorotoluene	2.641	2.410	8.7	120	0.00
83 T	tert-Butylbenzene	2.466	2.242	9.1	118	0.00
84 T	1,2,4-Trimethylbenzene	2.908	2.813	3.3	121	0.00
85 T	sec-Butylbenzene	3.216	3.155	1.9	120	0.00
86 T	p-Isopropyltoluene	2.723	2.727	-0.1	120	0.00
87 T	1,3-Dichlorobenzene	1.716	1.566	8.7	125	0.00
88 T	1,4-Dichlorobenzene	1.803	1.554	13.8	125	0.00
89 T	n-Butylbenzene	2.217	2.219	-0.1	123	0.00
90 T	Hexachloroethane	0.628	0.532	15.3	123	0.00
91 T	1,2-Dichlorobenzene	1.706	1.465	14.1	123	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.231	0.179	22.5	109	0.00
93 T	1,2,4-Trichlorobenzene	0.858	0.737	14.1	116	0.00
94 T	Hexachlorobutadiene	0.498	0.402	19.3	122	0.00
95 T	Naphthalene	2.484	2.029	18.3	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.814	0.716	12.0	116	0.00

(#) = Out of Range

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