

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071825\
 Data File : VV038915.D
 Acq On : 18 Jul 2025 11:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 19 00:36:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 14 09:44:44 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	137	0.00
2 T	Dichlorodifluoromethane	0.439	0.464	-5.7	163#	0.00
3 P	Chloromethane	0.474	0.456	3.8	157#	0.00
4 C	Vinyl Chloride	0.543	0.541	0.4#	163#	0.00
5 T	Bromomethane	0.407	0.343	15.7	140	0.00
6 T	Chloroethane	0.363	0.360	0.8	156#	0.00
7 T	Trichlorofluoromethane	0.961	0.911	5.2	144	0.00
8 T	Diethyl Ether	0.345	0.345	0.0	151#	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.574	0.557	3.0	145	0.00
10 T	Methyl Iodide	0.660	0.707	-7.1	148	0.00
11 T	Tert butyl alcohol	0.141	0.130	7.8	134	0.00
12 CM	1,1-Dichloroethene	0.523	0.495	5.4#	148	0.00
13 T	Acrolein	0.020	0.019	5.0	133	0.00
14 T	Allyl chloride	0.834	0.846	-1.4	155#	0.00
15 T	Acrylonitrile	0.360	0.334	7.2	138	0.00
16 T	Acetone	0.264	0.257	2.7	136	0.00
17 T	Carbon Disulfide	1.092	1.067	2.3	176#	0.00
18 T	Methyl Acetate	0.894	0.964	-7.8	145	0.00
19 T	Methyl tert-butyl Ether	1.963	1.873	4.6	139	0.00
20 T	Methylene Chloride	0.671	0.590	12.1	143	0.00
21 T	trans-1,2-Dichloroethene	0.557	0.520	6.6	149	0.00
22 T	Diisopropyl ether	1.666	1.787	-7.3	147	0.00
23 T	Vinyl Acetate	1.307	1.405	-7.5	149	0.00
24 P	1,1-Dichloroethane	1.091	1.029	5.7	140	0.00
25 T	2-Butanone	0.379	0.394	-4.0	141	0.00
26 T	2,2-Dichloropropane	0.955	0.932	2.4	141	0.00
27 T	cis-1,2-Dichloroethene	0.640	0.657	-2.7	151#	0.00
28 T	Bromochloromethane	0.422	0.414	1.9	134	0.00
29 T	Tetrahydrofuran	0.250	0.264	-5.6	145	0.00
30 C	Chloroform	1.203	1.084	9.9#	134	0.00
31 T	Cyclohexane	0.716	0.778	-8.7	170#	0.00
32 T	1,1,1-Trichloroethane	1.050	0.960	8.6	138	0.00
33 S	1,2-Dichloroethane-d4	0.611	0.620	-1.5	154#	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	146	0.00
35 S	Dibromofluoromethane	0.341	0.362	-6.2	162#	0.00
36 T	1,1-Dichloropropene	0.392	0.412	-5.1	153#	0.00
37 T	Ethyl Acetate	0.461	0.463	-0.4	142	0.00
38 T	Carbon Tetrachloride	0.520	0.486	6.5	140	0.00
39 T	Methylcyclohexane	0.462	0.527	-14.1	170#	0.00
40 TM	Benzene	1.328	1.327	0.1	146	0.00
41 T	Methacrylonitrile	0.212	0.227	-7.1	142	0.00
42 TM	1,2-Dichloroethane	0.506	0.460	9.1	136	0.00
43 T	Isopropyl Acetate	0.730	0.747	-2.3	146	0.00
44 TM	Trichloroethene	0.347	0.340	2.0	152#	0.00
45 C	1,2-Dichloropropane	0.351	0.327	6.8#	136	0.00
46 T	Dibromomethane	0.271	0.254	6.3	139	0.00
47 T	Bromodichloromethane	0.576	0.528	8.3	132	0.00
48 T	Methyl methacrylate	0.317	0.352	-11.0	148	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.007	0.007	0.0	133	0.00
50 S	Toluene-d8	1.030	1.021	0.9	149	0.00
51 T	4-Methyl-2-Pentanone	0.497	0.500	-0.6	136	0.00
52 CM	Toluene	0.837	0.860	-2.7#	144	0.00
53 T	t-1,3-Dichloropropene	0.521	0.539	-3.5	144	0.00
54 T	cis-1,3-Dichloropropene	0.563	0.567	-0.7	144	0.00
55 T	1,1,2-Trichloroethane	0.400	0.363	9.3	133	0.00
56 T	Ethyl methacrylate	0.475	0.555	-16.8	148	0.00
57 T	1,3-Dichloropropane	0.600	0.583	2.8	138	0.00
58 T	2-Chloroethyl Vinyl ether	0.287	0.295	-2.8	122	0.00
59 T	2-Hexanone	0.370	0.374	-1.1	137	0.00
60 T	Dibromochloromethane	0.471	0.416	11.7	129	0.00
61 T	1,2-Dibromoethane	0.403	0.377	6.5	137	0.00
62 S	4-Bromofluorobenzene	0.415	0.470	-13.3	161#	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	142	0.00
64 T	Tetrachloroethene	0.328	0.311	5.2	145	0.00
65 PM	Chlorobenzene	1.093	1.057	3.3	139	0.00
66 T	1,1,1,2-Tetrachloroethane	0.436	0.380	12.8	127	0.00
67 C	Ethyl Benzene	1.622	1.809	-11.5#	145	0.00
68 T	m/p-Xylenes	0.632	0.710	-12.3	141	0.00
69 T	o-Xylene	0.596	0.676	-13.4	146	0.00
70 T	Styrene	1.054	1.194	-13.3	139	0.00
71 P	Bromoform	0.354	0.323	8.8	125	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	127	0.00
73 T	Isopropylbenzene	2.988	3.421	-14.5	137	0.00
74 T	N-amyl acetate	1.094	1.326	-21.2#	143	0.00
75 P	1,1,2,2-Tetrachloroethane	1.251	1.145	8.5	124	0.00
76 T	1,2,3-Trichloropropane	0.930	0.889	4.4	128	0.00
77 T	Bromobenzene	0.784	0.812	-3.6	133	0.00
78 T	n-propylbenzene	3.492	4.091	-17.2	139	0.00
79 T	2-Chlorotoluene	2.221	2.397	-7.9	135	0.00
80 T	1,3,5-Trimethylbenzene	2.519	2.926	-16.2	135	0.00
81 T	trans-1,4-Dichloro-2-butene	0.381	0.419	-10.0	139	0.00
82 T	4-Chlorotoluene	2.482	2.832	-14.1	136	0.00
83 T	tert-Butylbenzene	2.641	2.942	-11.4	134	0.00
84 T	1,2,4-Trimethylbenzene	2.479	2.913	-17.5	135	0.00
85 T	sec-Butylbenzene	3.371	3.843	-14.0	135	0.00
86 T	p-Isopropyltoluene	2.862	3.236	-13.1	134	0.00
87 T	1,3-Dichlorobenzene	1.600	1.609	-0.6	130	0.00
88 T	1,4-Dichlorobenzene	1.740	1.667	4.2	132	0.00
89 T	n-Butylbenzene	2.613	3.114	-19.2	137	0.00
90 T	Hexachloroethane	0.681	0.627	7.9	128	0.00
91 T	1,2-Dichlorobenzene	1.553	1.536	1.1	129	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.283	0.265	6.4	122	0.00
93 T	1,2,4-Trichlorobenzene	0.917	1.042	-13.6	135	0.00
94 T	Hexachlorobutadiene	0.472	0.461	2.3	129	0.00
95 T	Naphthalene	3.012	3.638	-20.8#	134	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.950	1.044	-9.9	127	0.00

(#) = Out of Range

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