

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111325\
 Data File : VV039375.D
 Acq On : 13 Nov 2025 11:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 14 05:43:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V111125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 14 05:42:56 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	99	0.00
2 T	Dichlorodifluoromethane	0.298	0.237	20.5#	94	0.00
3 P	Chloromethane	0.279	0.232	16.8	98	0.00
4 C	Vinyl Chloride	0.344	0.299	13.1#	99	0.00
5 T	Bromomethane	0.205	0.185	9.8	101	0.00
6 T	Chloroethane	0.254	0.220	13.4	99	0.00
7 T	Trichlorofluoromethane	0.700	0.603	13.9	98	0.00
8 T	Diethyl Ether	0.267	0.246	7.9	104	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.460	0.392	14.8	98	0.00
10 T	Methyl Iodide	0.283	0.336	-18.7	117	0.00
11 T	Tert butyl alcohol	0.066	0.093	-40.9#	144	0.00
12 CM	1,1-Dichloroethene	0.364	0.313	14.0#	100	0.00
13 T	Acrolein	0.006	0.006	0.0	143	0.00
14 T	Allyl chloride	0.649	0.637	1.8	107	0.00
15 T	Acrylonitrile	0.256	0.276	-7.8	113	0.00
16 T	Acetone	0.326	0.306	6.1	119	0.00
17 T	Carbon Disulfide	0.575	0.436	24.2#	92	0.00
18 T	Methyl Acetate	0.874	1.082	-23.8#	116	0.00
19 T	Methyl tert-butyl Ether	1.369	1.489	-8.8	109	0.00
20 T	Methylene Chloride	0.504	0.421	16.5	102	0.00
21 T	trans-1,2-Dichloroethene	0.361	0.331	8.3	100	0.00
22 T	Diisopropyl ether	1.409	1.535	-8.9	106	0.00
23 T	Vinyl Acetate	0.995	1.054	-5.9	108	0.00
24 P	1,1-Dichloroethane	0.857	0.793	7.5	103	0.00
25 T	2-Butanone	0.341	0.381	-11.7	120	0.00
26 T	2,2-Dichloropropane	0.721	0.727	-0.8	108	0.00
27 T	cis-1,2-Dichloroethene	0.490	0.477	2.7	104	0.00
28 T	Bromochloromethane	0.375	0.389	-3.7	106	0.00
29 T	Tetrahydrofuran	0.191	0.220	-15.2	117	0.00
30 C	Chloroform	0.946	0.891	5.8#	104	0.00
31 T	Cyclohexane	0.536	0.461	14.0	98	0.00
32 T	1,1,1-Trichloroethane	0.791	0.755	4.6	105	0.00
33 S	1,2-Dichloroethane-d4	0.617	0.613	0.6	108	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
35 S	Dibromofluoromethane	0.383	0.393	-2.6	107	0.00
36 T	1,1-Dichloropropene	0.330	0.319	3.3	98	0.00
37 T	Ethyl Acetate	0.507	0.436	14.0	101	0.00
38 T	Carbon Tetrachloride	0.491	0.462	5.9	101	0.00
39 T	Methylcyclohexane	0.352	0.341	3.1	101	0.00
40 TM	Benzene	1.155	1.125	2.6	103	0.00
41 T	Methacrylonitrile	0.181	0.236	-30.4#	118	0.00
42 TM	1,2-Dichloroethane	0.450	0.445	1.1	105	0.00
43 T	Isopropyl Acetate	0.676	0.745	-10.2	115	0.00
44 TM	Trichloroethene	0.313	0.300	4.2	103	0.00
45 C	1,2-Dichloropropane	0.313	0.337	-7.7#	105	0.00
46 T	Dibromomethane	0.251	0.240	4.4	105	0.00
47 T	Bromodichloromethane	0.544	0.533	2.0	104	0.00
48 T	Methyl methacrylate	0.315	0.363	-15.2	113	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.005	0.006	-20.0	138	0.00
50 S	Toluene-d8	1.267	1.280	-1.0	107	0.00
51 T	4-Methyl-2-Pentanone	0.462	0.552	-19.5	115	0.00
52 CM	Toluene	0.724	0.734	-1.4#	103	0.00
53 T	t-1,3-Dichloropropene	0.468	0.508	-8.5	106	0.00
54 T	cis-1,3-Dichloropropene	0.497	0.537	-8.0	107	0.00
55 T	1,1,2-Trichloroethane	0.366	0.370	-1.1	110	0.00
56 T	Ethyl methacrylate	0.442	0.510	-15.4	109	0.00
57 T	1,3-Dichloropropane	0.564	0.570	-1.1	104	0.00
58 T	2-Chloroethyl Vinyl ether	0.126	0.269	-113.5#	206#	0.00
59 T	2-Hexanone	0.330	0.415	-25.8#	119	0.00
60 T	Dibromochloromethane	0.470	0.460	2.1	105	0.00
61 T	1,2-Dibromoethane	0.357	0.357	0.0	105	0.00
62 S	4-Bromofluorobenzene	0.487	0.523	-7.4	109	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
64 T	Tetrachloroethene	0.309	0.287	7.1	101	0.00
65 PM	Chlorobenzene	0.995	0.969	2.6	104	0.00
66 T	1,1,1,2-Tetrachloroethane	0.415	0.409	1.4	106	0.00
67 C	Ethyl Benzene	1.440	1.520	-5.6#	103	0.00
68 T	m/p-Xylenes	0.544	0.606	-11.4	103	0.00
69 T	o-Xylene	0.514	0.578	-12.5	104	0.00
70 T	Styrene	0.920	1.071	-16.4	104	0.00
71 P	Bromoform	0.386	0.397	-2.8	108	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
73 T	Isopropylbenzene	2.442	2.654	-8.7	104	0.00
74 T	N-amyl acetate	0.957	1.107	-15.7	111	0.00
75 P	1,1,2,2-Tetrachloroethane	1.063	1.031	3.0	110	0.00
76 T	1,2,3-Trichloropropane	0.776	0.762	1.8	109	0.00
77 T	Bromobenzene	0.754	0.743	1.5	104	0.00
78 T	n-propylbenzene	2.797	3.091	-10.5	104	0.00
79 T	2-Chlorotoluene	1.790	1.905	-6.4	105	0.00
80 T	1,3,5-Trimethylbenzene	1.996	2.236	-12.0	104	0.00
81 T	trans-1,4-Dichloro-2-butene	0.290	0.341	-17.6	116	0.00
82 T	4-Chlorotoluene	2.002	2.228	-11.3	104	0.00
83 T	tert-Butylbenzene	2.194	2.387	-8.8	106	0.00
84 T	1,2,4-Trimethylbenzene	1.944	2.241	-15.3	104	0.00
85 T	sec-Butylbenzene	2.602	2.902	-11.5	106	0.00
86 T	p-Isopropyltoluene	2.245	2.525	-12.5	106	0.00
87 T	1,3-Dichlorobenzene	1.445	1.451	-0.4	104	0.00
88 T	1,4-Dichlorobenzene	1.576	1.501	4.8	104	0.00
89 T	n-Butylbenzene	2.002	2.277	-13.7	107	0.00
90 T	Hexachloroethane	0.560	0.529	5.5	107	0.00
91 T	1,2-Dichlorobenzene	1.415	1.407	0.6	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.219	0.219	0.0	117	0.00
93 T	1,2,4-Trichlorobenzene	0.897	1.030	-14.8	110	0.00
94 T	Hexachlorobutadiene	0.479	0.479	0.0	111	0.00
95 T	Naphthalene	2.405	3.011	-25.2#	111	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.926	1.034	-11.7	106	0.00

(#) = Out of Range

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