

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111225\
 Data File : VV039373.D
 Acq On : 12 Nov 2025 14:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 14 00:23:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V111125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 14 00:16:53 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	96	0.00
2 T	Dichlorodifluoromethane	0.298	0.251	15.8	96	0.00
3 P	Chloromethane	0.279	0.245	12.2	100	0.00
4 C	Vinyl Chloride	0.344	0.302	12.2#	97	0.00
5 T	Bromomethane	0.205	0.187	8.8	99	0.00
6 T	Chloroethane	0.254	0.232	8.7	101	0.00
7 T	Trichlorofluoromethane	0.700	0.627	10.4	98	0.00
8 T	Diethyl Ether	0.267	0.250	6.4	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.460	0.409	11.1	99	0.00
10 T	Methyl Iodide	0.283	0.324	-14.5	109	0.00
11 T	Tert butyl alcohol	0.066	0.085	-28.8#	127	0.00
12 CM	1,1-Dichloroethene	0.364	0.319	12.4#	98	0.00
13 T	Acrolein	0.006	0.006	0.0	132	0.00
14 T	Allyl chloride	0.649	0.643	0.9	105	0.00
15 T	Acrylonitrile	0.256	0.275	-7.4	109	0.00
16 T	Acetone	0.326	0.301	7.7	113	0.00
17 T	Carbon Disulfide	0.575	0.458	20.3#	94	0.00
18 T	Methyl Acetate	0.874	1.071	-22.5#	110	0.00
19 T	Methyl tert-butyl Ether	1.369	1.505	-9.9	106	0.00
20 T	Methylene Chloride	0.504	0.433	14.1	101	0.00
21 T	trans-1,2-Dichloroethene	0.361	0.340	5.8	99	0.00
22 T	Diisopropyl ether	1.409	1.568	-11.3	104	0.00
23 T	Vinyl Acetate	0.995	1.070	-7.5	105	0.00
24 P	1,1-Dichloroethane	0.857	0.817	4.7	103	0.00
25 T	2-Butanone	0.341	0.377	-10.6	114	0.00
26 T	2,2-Dichloropropane	0.721	0.746	-3.5	107	0.00
27 T	cis-1,2-Dichloroethene	0.490	0.486	0.8	102	0.00
28 T	Bromochloromethane	0.375	0.395	-5.3	104	0.00
29 T	Tetrahydrofuran	0.191	0.216	-13.1	111	0.00
30 C	Chloroform	0.946	0.911	3.7#	103	0.00
31 T	Cyclohexane	0.536	0.474	11.6	97	0.00
32 T	1,1,1-Trichloroethane	0.791	0.774	2.1	104	0.00
33 S	1,2-Dichloroethane-d4	0.617	0.630	-2.1	107	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
35 S	Dibromofluoromethane	0.383	0.400	-4.4	106	0.00
36 T	1,1-Dichloropropene	0.330	0.335	-1.5	99	0.00
37 T	Ethyl Acetate	0.507	0.453	10.7	101	0.00
38 T	Carbon Tetrachloride	0.491	0.470	4.3	99	0.00
39 T	Methylcyclohexane	0.352	0.351	0.3	100	0.00
40 TM	Benzene	1.155	1.143	1.0	101	0.00
41 T	Methacrylonitrile	0.181	0.233	-28.7#	113	0.00
42 TM	1,2-Dichloroethane	0.450	0.456	-1.3	104	0.00
43 T	Isopropyl Acetate	0.676	0.750	-10.9	112	0.00
44 TM	Trichloroethene	0.313	0.306	2.2	101	0.00
45 C	1,2-Dichloropropane	0.313	0.342	-9.3#	103	0.00
46 T	Dibromomethane	0.251	0.242	3.6	102	0.00
47 T	Bromodichloromethane	0.544	0.546	-0.4	103	0.00
48 T	Methyl methacrylate	0.315	0.362	-14.9	109	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	0.005	0.005	0.0	113	0.00
50 S	Toluene-d8	1.267	1.324	-4.5	106	0.00
51 T	4-Methyl-2-Pentanone	0.462	0.551	-19.3	111	0.00
52 CM	Toluene	0.724	0.754	-4.1#	102	0.00
53 T	t-1,3-Dichloropropene	0.468	0.518	-10.7	104	0.00
54 T	cis-1,3-Dichloropropene	0.497	0.542	-9.1	104	0.00
55 T	1,1,2-Trichloroethane	0.366	0.369	-0.8	106	0.00
56 T	Ethyl methacrylate	0.442	0.516	-16.7	107	0.00
57 T	1,3-Dichloropropane	0.564	0.588	-4.3	103	0.00
58 T	2-Chloroethyl Vinyl ether	0.126	0.271	-115.1#	200#	0.00
59 T	2-Hexanone	0.330	0.407	-23.3#	112	0.00
60 T	Dibromochloromethane	0.470	0.471	-0.2	103	0.00
61 T	1,2-Dibromoethane	0.357	0.369	-3.4	105	0.00
62 S	4-Bromofluorobenzene	0.487	0.533	-9.4	108	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64 T	Tetrachloroethene	0.309	0.291	5.8	99	0.00
65 PM	Chlorobenzene	0.995	0.997	-0.2	103	0.00
66 T	1,1,1,2-Tetrachloroethane	0.415	0.414	0.2	104	0.00
67 C	Ethyl Benzene	1.440	1.557	-8.1#	102	0.00
68 T	m/p-Xylenes	0.544	0.619	-13.8	102	0.00
69 T	o-Xylene	0.514	0.585	-13.8	101	0.00
70 T	Styrene	0.920	1.093	-18.8	103	0.00
71 P	Bromoform	0.386	0.396	-2.6	104	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73 T	Isopropylbenzene	2.442	2.696	-10.4	103	0.00
74 T	N-amyl acetate	0.957	1.113	-16.3	109	0.00
75 P	1,1,2,2-Tetrachloroethane	1.063	1.033	2.8	107	0.00
76 T	1,2,3-Trichloropropane	0.776	0.788	-1.5	109	0.00
77 T	Bromobenzene	0.754	0.763	-1.2	104	0.00
78 T	n-propylbenzene	2.797	3.138	-12.2	103	0.00
79 T	2-Chlorotoluene	1.790	1.914	-6.9	102	0.00
80 T	1,3,5-Trimethylbenzene	1.996	2.256	-13.0	102	0.00
81 T	trans-1,4-Dichloro-2-butene	0.290	0.328	-13.1	108	0.00
82 T	4-Chlorotoluene	2.002	2.261	-12.9	103	0.00
83 T	tert-Butylbenzene	2.194	2.420	-10.3	105	0.00
84 T	1,2,4-Trimethylbenzene	1.944	2.276	-17.1	103	0.00
85 T	sec-Butylbenzene	2.602	2.950	-13.4	105	0.00
86 T	p-Isopropyltoluene	2.245	2.541	-13.2	104	0.00
87 T	1,3-Dichlorobenzene	1.445	1.466	-1.5	102	0.00
88 T	1,4-Dichlorobenzene	1.576	1.525	3.2	103	0.00
89 T	n-Butylbenzene	2.002	2.314	-15.6	106	0.00
90 T	Hexachloroethane	0.560	0.528	5.7	104	0.00
91 T	1,2-Dichlorobenzene	1.415	1.423	-0.6	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.219	0.212	3.2	110	0.00
93 T	1,2,4-Trichlorobenzene	0.897	1.033	-15.2	108	0.00
94 T	Hexachlorobutadiene	0.479	0.481	-0.4	109	0.00
95 T	Naphthalene	2.405	3.005	-24.9#	107	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.926	1.051	-13.5	105	0.00

(#) = Out of Range

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