

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
 Data File : VX048840.D
 Acq On : 12 Dec 2025 09:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 12 22:07:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 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	82	0.00
2 T	Dichlorodifluoromethane	0.509	0.632	-24.2	91	0.00
3 P	Chloromethane	0.643	0.667	-3.7	85	0.00
4 C	Vinyl Chloride	0.685	0.673	1.8#	78	0.00
5 T	Bromomethane	0.423	0.475	-12.3	83	0.00
6 T	Chloroethane	0.426	0.422	0.9	81	0.00
7 T	Trichlorofluoromethane	0.981	1.000	-1.9	79	0.00
8 T	Diethyl Ether	0.392	0.378	3.6	81	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.569	0.543	4.6	75	0.00
10 T	Methyl Iodide	0.810	0.801	1.1	76	0.00
11 T	Tert butyl alcohol	0.108	0.047	56.5#	33#	0.00
12 CM	1,1-Dichloroethene	0.581	0.544	6.4#	74	0.00
13 T	Acrolein	0.091	0.081	11.0	77	0.00
14 T	Allyl chloride	0.975	1.051	-7.8	80	0.00
15 T	Acrylonitrile	0.338	0.241	28.7#	54	0.00
16 T	Acetone	0.257	0.131	49.0#	44#	0.00
17 T	Carbon Disulfide	1.686	1.541	8.6	71	0.00
18 T	Methyl Acetate	0.723	0.524	27.5#	55	0.00
19 T	Methyl tert-butyl Ether	1.890	1.808	4.3	74	0.00
20 T	Methylene Chloride	0.642	0.668	-4.0	84	0.00
21 T	trans-1,2-Dichloroethene	0.593	0.583	1.7	76	0.00
22 T	Diisopropyl ether	1.822	2.163	-18.7	113	0.00
23 T	Vinyl Acetate	1.531	1.585	-3.5	94	0.00
24 P	1,1-Dichloroethane	1.016	1.186	-16.7	107	0.00
25 T	2-Butanone	0.379	0.223	41.2#	54	0.00
26 T	2,2-Dichloropropane	0.899	0.950	-5.7	94	0.00
27 T	cis-1,2-Dichloroethene	0.669	0.722	-7.9	94	-0.01
28 T	Bromochloromethane	0.498	0.508	-2.0	100	-0.01
29 T	Tetrahydrofuran	0.290	0.164	43.4#	54	0.00
30 C	Chloroform	1.089	1.204	-10.6#	101	0.00
31 T	Cyclohexane	0.907	0.840	7.4	86	-0.01
32 T	1,1,1-Trichloroethane	0.975	1.012	-3.8	91	0.00
33 S	1,2-Dichloroethane-d4	0.671	0.706	-5.2	100	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
35 S	Dibromofluoromethane	0.344	0.357	-3.8	94	0.00
36 T	1,1-Dichloropropene	0.472	0.437	7.4	88	-0.01
37 T	Ethyl Acetate	0.563	0.374	33.6#	61	0.00
38 T	Carbon Tetrachloride	0.534	0.527	1.3	88	-0.01
39 T	Methylcyclohexane	0.558	0.494	11.5	68	0.00
40 TM	Benzene	1.398	1.448	-3.6	97	-0.01
41 T	Methacrylonitrile	0.256	0.208	18.8	76	0.00
42 TM	1,2-Dichloroethane	0.495	0.511	-3.2	100	-0.01
43 T	Isopropyl Acetate	0.853	0.620	27.3#	72	-0.01
44 TM	Trichloroethene	0.365	0.363	0.5	87	0.00
45 C	1,2-Dichloropropane	0.349	0.374	-7.2#	86	0.00
46 T	Dibromomethane	0.265	0.256	3.4	78	-0.01
47 T	Bromodichloromethane	0.552	0.564	-2.2	85	0.00
48 T	Methyl methacrylate	0.429	0.316	26.3#	60	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.006	0.003	50.0#	48#	0.00
50 S	Toluene-d8	1.207	1.182	2.1	79	0.00
51 T	4-Methyl-2-Pentanone	0.530	0.341	35.7#	50#	0.00
52 CM	Toluene	0.843	0.879	-4.3#	80	0.00
53 T	t-1,3-Dichloropropene	0.526	0.543	-3.2	80	0.00
54 T	cis-1,3-Dichloropropene	0.565	0.600	-6.2	82	0.00
55 T	1,1,2-Trichloroethane	0.339	0.328	3.2	77	0.00
56 T	Ethyl methacrylate	0.531	0.460	13.4	65	0.00
57 T	1,3-Dichloropropane	0.564	0.563	0.2	79	0.00
58 T	2-Chloroethyl Vinyl ether	0.287	0.271	5.6	70	0.00
59 T	2-Hexanone	0.372	0.218	41.4#	44#	0.00
60 T	Dibromochloromethane	0.419	0.415	1.0	78	0.00
61 T	1,2-Dibromoethane	0.367	0.340	7.4	73	0.00
62 S	4-Bromofluorobenzene	0.416	0.422	-1.4	81	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64 T	Tetrachloroethene	0.364	0.328	9.9	76	0.00
65 PM	Chlorobenzene	1.094	1.101	-0.6	83	0.00
66 T	1,1,1,2-Tetrachloroethane	0.391	0.397	-1.5	85	0.00
67 C	Ethyl Benzene	1.786	1.847	-3.4#	80	0.00
68 T	m/p-Xylenes	0.696	0.705	-1.3	80	0.00
69 T	o-Xylene	0.652	0.681	-4.4	82	0.00
70 T	Styrene	1.119	1.198	-7.1	84	0.00
71 P	Bromoform	0.349	0.296	15.2	74	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	82	0.00
73 T	Isopropylbenzene	3.369	3.523	-4.6	79	0.00
74 T	N-amyl acetate	1.464	1.275	12.9	60	0.00
75 P	1,1,2,2-Tetrachloroethane	1.137	0.927	18.5	64	0.00
76 T	1,2,3-Trichloropropane	0.931	0.833	10.5	71	0.00
77 T	Bromobenzene	0.899	0.923	-2.7	85	0.00
78 T	n-propylbenzene	3.902	4.126	-5.7	78	0.00
79 T	2-Chlorotoluene	2.380	2.501	-5.1	81	0.00
80 T	1,3,5-Trimethylbenzene	2.770	2.874	-3.8	80	0.00
81 T	trans-1,4-Dichloro-2-butene	0.392	0.285	27.3#	56	0.00
82 T	4-Chlorotoluene	2.777	2.956	-6.4	81	0.00
83 T	tert-Butylbenzene	2.878	2.833	1.6	77	0.00
84 T	1,2,4-Trimethylbenzene	2.794	2.973	-6.4	82	0.00
85 T	sec-Butylbenzene	3.488	3.525	-1.1	77	0.00
86 T	p-Isopropyltoluene	2.981	2.969	0.4	76	0.00
87 T	1,3-Dichlorobenzene	1.658	1.688	-1.8	84	0.00
88 T	1,4-Dichlorobenzene	1.713	1.682	1.8	83	0.00
89 T	n-Butylbenzene	2.791	2.744	1.7	76	0.00
90 T	Hexachloroethane	0.608	0.577	5.1	80	0.00
91 T	1,2-Dichlorobenzene	1.607	1.594	0.8	83	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.277	0.157	43.3#	48#	0.00
93 T	1,2,4-Trichlorobenzene	1.062	1.027	3.3	84	0.00
94 T	Hexachlorobutadiene	0.439	0.401	8.7	83	0.00
95 T	Naphthalene	3.187	2.587	18.8	67	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.979	0.932	4.8	82	0.00

(#) = Out of Range

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