

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121125\
 Data File : VX048822.D
 Acq On : 11 Dec 2025 13:02
 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 11 23:47:08 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	89	0.00
2 T	Dichlorodifluoromethane	0.509	0.593	-16.5	92	0.00
3 P	Chloromethane	0.643	0.588	8.6	81	0.00
4 C	Vinyl Chloride	0.685	0.614	10.4#	77	0.00
5 T	Bromomethane	0.423	0.423	0.0	80	0.00
6 T	Chloroethane	0.426	0.380	10.8	79	0.00
7 T	Trichlorofluoromethane	0.981	0.921	6.1	79	0.00
8 T	Diethyl Ether	0.392	0.345	12.0	80	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.569	0.540	5.1	80	0.00
10 T	Methyl Iodide	0.810	0.801	1.1	82	0.00
11 T	Tert butyl alcohol	0.108	0.053	50.9#	41#	0.00
12 CM	1,1-Dichloroethene	0.581	0.538	7.4#	79	0.00
13 T	Acrolein	0.091	0.067	26.4#	69	0.00
14 T	Allyl chloride	0.975	0.954	2.2	79	0.00
15 T	Acrylonitrile	0.338	0.253	25.1#	61	0.00
16 T	Acetone	0.257	0.149	42.0#	54	0.00
17 T	Carbon Disulfide	1.686	1.493	11.4	75	0.00
18 T	Methyl Acetate	0.723	0.529	26.8#	60	0.00
19 T	Methyl tert-butyl Ether	1.890	1.781	5.8	79	0.00
20 T	Methylene Chloride	0.642	0.619	3.6	84	0.00
21 T	trans-1,2-Dichloroethene	0.593	0.562	5.2	80	0.00
22 T	Diisopropyl ether	1.822	1.971	-8.2	111	0.00
23 T	Vinyl Acetate	1.531	1.540	-0.6	99	0.00
24 P	1,1-Dichloroethane	1.016	1.054	-3.7	103	0.00
25 T	2-Butanone	0.379	0.257	32.2#	68	-0.01
26 T	2,2-Dichloropropane	0.899	0.883	1.8	94	0.00
27 T	cis-1,2-Dichloroethene	0.669	0.676	-1.0	95	-0.01
28 T	Bromochloromethane	0.498	0.528	-6.0	112	0.00
29 T	Tetrahydrofuran	0.290	0.181	37.6#	65	0.00
30 C	Chloroform	1.089	1.085	0.4#	98	0.00
31 T	Cyclohexane	0.907	0.871	4.0	97	0.00
32 T	1,1,1-Trichloroethane	0.975	0.959	1.6	93	0.00
33 S	1,2-Dichloroethane-d4	0.671	0.692	-3.1	106	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
35 S	Dibromofluoromethane	0.344	0.355	-3.2	100	0.00
36 T	1,1-Dichloropropene	0.472	0.440	6.8	94	-0.01
37 T	Ethyl Acetate	0.563	0.415	26.3#	72	0.00
38 T	Carbon Tetrachloride	0.534	0.516	3.4	92	0.00
39 T	Methylcyclohexane	0.558	0.536	3.9	78	0.00
40 TM	Benzene	1.398	1.379	1.4	98	0.00
41 T	Methacrylonitrile	0.256	0.212	17.2	82	-0.01
42 TM	1,2-Dichloroethane	0.495	0.485	2.0	101	0.00
43 T	Isopropyl Acetate	0.853	0.673	21.1	84	0.00
44 TM	Trichloroethene	0.365	0.350	4.1	90	0.00
45 C	1,2-Dichloropropane	0.349	0.351	-0.6#	86	0.00
46 T	Dibromomethane	0.265	0.252	4.9	82	0.00
47 T	Bromodichloromethane	0.552	0.546	1.1	87	0.00
48 T	Methyl methacrylate	0.429	0.341	20.5	69	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.006	0.004	33.3#	55	0.00
50 S	Toluene-d8	1.207	1.224	-1.4	88	0.00
51 T	4-Methyl-2-Pentanone	0.530	0.377	28.9#	59	0.00
52 CM	Toluene	0.843	0.852	-1.1#	83	0.00
53 T	t-1,3-Dichloropropene	0.526	0.537	-2.1	84	0.00
54 T	cis-1,3-Dichloropropene	0.565	0.580	-2.7	85	0.00
55 T	1,1,2-Trichloroethane	0.339	0.326	3.8	81	0.00
56 T	Ethyl methacrylate	0.531	0.488	8.1	73	0.00
57 T	1,3-Dichloropropane	0.564	0.561	0.5	84	0.00
58 T	2-Chloroethyl Vinyl ether	0.287	0.285	0.7	78	0.00
59 T	2-Hexanone	0.372	0.248	33.3#	53	0.00
60 T	Dibromochloromethane	0.419	0.415	1.0	83	0.00
61 T	1,2-Dibromoethane	0.367	0.342	6.8	78	0.00
62 S	4-Bromofluorobenzene	0.416	0.441	-6.0	90	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
64 T	Tetrachloroethene	0.364	0.333	8.5	82	0.00
65 PM	Chlorobenzene	1.094	1.057	3.4	85	0.00
66 T	1,1,1,2-Tetrachloroethane	0.391	0.383	2.0	88	0.00
67 C	Ethyl Benzene	1.786	1.809	-1.3#	83	0.00
68 T	m/p-Xylenes	0.696	0.696	0.0	85	0.00
69 T	o-Xylene	0.652	0.665	-2.0	86	0.00
70 T	Styrene	1.119	1.156	-3.3	86	0.00
71 P	Bromoform	0.349	0.295	15.5	78	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
73 T	Isopropylbenzene	3.369	3.488	-3.5	85	0.00
74 T	N-amyl acetate	1.464	1.362	7.0	69	0.00
75 P	1,1,2,2-Tetrachloroethane	1.137	0.954	16.1	71	0.00
76 T	1,2,3-Trichloropropane	0.931	0.881	5.4	81	0.00
77 T	Bromobenzene	0.899	0.891	0.9	89	0.00
78 T	n-propylbenzene	3.902	4.083	-4.6	84	0.00
79 T	2-Chlorotoluene	2.380	2.408	-1.2	84	0.00
80 T	1,3,5-Trimethylbenzene	2.770	2.839	-2.5	85	0.00
81 T	trans-1,4-Dichloro-2-butene	0.392	0.320	18.4	68	0.00
82 T	4-Chlorotoluene	2.777	2.890	-4.1	85	0.00
83 T	tert-Butylbenzene	2.878	2.870	0.3	84	0.00
84 T	1,2,4-Trimethylbenzene	2.794	2.875	-2.9	85	0.00
85 T	sec-Butylbenzene	3.488	3.576	-2.5	84	0.00
86 T	p-Isopropyltoluene	2.981	3.037	-1.9	84	0.00
87 T	1,3-Dichlorobenzene	1.658	1.612	2.8	86	0.00
88 T	1,4-Dichlorobenzene	1.713	1.616	5.7	86	0.00
89 T	n-Butylbenzene	2.791	2.788	0.1	83	0.00
90 T	Hexachloroethane	0.608	0.582	4.3	86	0.00
91 T	1,2-Dichlorobenzene	1.607	1.561	2.9	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.277	0.182	34.3#	60	0.00
93 T	1,2,4-Trichlorobenzene	1.062	1.019	4.0	90	0.00
94 T	Hexachlorobutadiene	0.439	0.413	5.9	92	0.00
95 T	Naphthalene	3.187	2.741	14.0	77	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.979	0.947	3.3	90	0.00

(#) = Out of Range

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