

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110625\
 Data File : VY023702.D
 Acq On : 06 Nov 2025 15:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 07 04:17:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 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	96	0.00
2 T	Dichlorodifluoromethane	0.328	0.273	16.8	95	0.00
3 P	Chloromethane	0.459	0.422	8.1	98	0.00
4 C	Vinyl Chloride	0.598	0.535	10.5#	93	0.00
5 T	Bromomethane	0.503	0.428	14.9	92	0.00
6 T	Chloroethane	0.413	0.380	8.0	94	0.00
7 T	Trichlorofluoromethane	0.842	0.774	8.1	95	0.00
8 T	Diethyl Ether	0.226	0.224	0.9	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.464	0.443	4.5	98	0.00
10 T	Methyl Iodide	0.548	0.552	-0.7	92	0.00
11 T	Tert butyl alcohol	0.028	0.026	7.1	108	-0.01
12 CM	1,1-Dichloroethene	0.447	0.432	3.4#	98	0.00
13 T	Acrolein	0.035	0.027	22.9	89	0.00
14 T	Allyl chloride	0.544	0.570	-4.8	103	0.00
15 T	Acrylonitrile	0.086	0.092	-7.0	108	0.00
16 T	Acetone	0.106	0.098	7.5	99	0.00
17 T	Carbon Disulfide	1.371	1.330	3.0	99	0.00
18 T	Methyl Acetate	0.234	0.213	9.0	97	0.00
19 T	Methyl tert-butyl Ether	1.036	1.078	-4.1	102	0.00
20 T	Methylene Chloride	0.512	0.524	-2.3	109	0.00
21 T	trans-1,2-Dichloroethene	0.504	0.496	1.6	97	0.00
22 T	Diisopropyl ether	1.212	1.316	-8.6	103	0.00
23 T	Vinyl Acetate	0.647	0.725	-12.1	106	0.00
24 P	1,1-Dichloroethane	0.807	0.816	-1.1	101	0.00
25 T	2-Butanone	0.123	0.120	2.4	104	0.00
26 T	2,2-Dichloropropane	0.742	0.721	2.8	97	0.00
27 T	cis-1,2-Dichloroethene	0.575	0.579	-0.7	99	0.00
28 T	Bromochloromethane	0.309	0.316	-2.3	104	0.00
29 T	Tetrahydrofuran	0.065	0.071	-9.2	110	0.00
30 C	Chloroform	0.901	0.902	-0.1#	100	0.00
31 T	Cyclohexane	0.703	0.704	-0.1	102	0.00
32 T	1,1,1-Trichloroethane	0.805	0.802	0.4	100	0.00
33 S	1,2-Dichloroethane-d4	0.427	0.418	2.1	98	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35 S	Dibromofluoromethane	0.312	0.303	2.9	95	0.00
36 T	1,1-Dichloropropene	0.418	0.419	-0.2	100	0.00
37 T	Ethyl Acetate	0.162	0.173	-6.8	109	0.00
38 T	Carbon Tetrachloride	0.492	0.485	1.4	99	0.00
39 T	Methylcyclohexane	0.534	0.545	-2.1	99	0.00
40 TM	Benzene	1.316	1.321	-0.4	100	0.00
41 T	Methacrylonitrile	0.088	0.095	-8.0	110	0.00
42 TM	1,2-Dichloroethane	0.333	0.332	0.3	101	0.00
43 T	Isopropyl Acetate	0.304	0.323	-6.3	107	0.00
44 TM	Trichloroethene	0.378	0.366	3.2	98	0.00
45 C	1,2-Dichloropropane	0.290	0.297	-2.4#	102	0.00
46 T	Dibromomethane	0.180	0.180	0.0	102	0.00
47 T	Bromodichloromethane	0.454	0.461	-1.5	101	0.00
48 T	Methyl methacrylate	0.143	0.154	-7.7	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	106	0.00
50 S	Toluene-d8	1.164	1.160	0.3	95	0.00
51 T	4-Methyl-2-Pentanone	0.162	0.172	-6.2	106	0.00
52 CM	Toluene	0.840	0.871	-3.7#	99	0.00
53 T	t-1,3-Dichloropropene	0.384	0.401	-4.4	101	0.00
54 T	cis-1,3-Dichloropropene	0.460	0.476	-3.5	100	0.00
55 T	1,1,2-Trichloroethane	0.241	0.244	-1.2	102	0.00
56 T	Ethyl methacrylate	0.265	0.296	-11.7	104	0.00
57 T	1,3-Dichloropropane	0.381	0.392	-2.9	102	0.00
58 T	2-Chloroethyl Vinyl ether	0.122	0.133	-9.0	102	0.00
59 T	2-Hexanone	0.118	0.122	-3.4	104	0.00
60 T	Dibromochloromethane	0.330	0.332	-0.6	99	0.00
61 T	1,2-Dibromoethane	0.226	0.227	-0.4	100	0.00
62 S	4-Bromofluorobenzene	0.376	0.382	-1.6	96	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64 T	Tetrachloroethene	0.520	0.506	2.7	96	0.00
65 PM	Chlorobenzene	1.088	1.058	2.8	97	0.00
66 T	1,1,1,2-Tetrachloroethane	0.385	0.377	2.1	97	0.00
67 C	Ethyl Benzene	1.762	1.820	-3.3#	98	0.00
68 T	m/p-Xylenes	0.704	0.721	-2.4	97	0.00
69 T	o-Xylene	0.651	0.679	-4.3	98	0.00
70 T	Styrene	1.074	1.134	-5.6	99	0.00
71 P	Bromoform	0.225	0.226	-0.4	101	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73 T	Isopropylbenzene	3.344	3.448	-3.1	98	0.00
74 T	N-amyl acetate	0.566	0.602	-6.4	103	0.00
75 P	1,1,2,2-Tetrachloroethane	0.534	0.533	0.2	104	0.00
76 T	1,2,3-Trichloropropane	0.405	0.392	3.2	103	0.00
77 T	Bromobenzene	0.867	0.860	0.8	98	0.00
78 T	n-propylbenzene	3.933	4.082	-3.8	98	0.00
79 T	2-Chlorotoluene	2.283	2.349	-2.9	99	0.00
80 T	1,3,5-Trimethylbenzene	2.717	2.824	-3.9	98	0.00
81 T	trans-1,4-Dichloro-2-butene	0.179	0.178	0.6	101	0.00
82 T	4-Chlorotoluene	2.354	2.380	-1.1	98	0.00
83 T	tert-Butylbenzene	2.475	2.560	-3.4	98	0.00
84 T	1,2,4-Trimethylbenzene	2.691	2.808	-4.3	98	0.00
85 T	sec-Butylbenzene	3.569	3.646	-2.2	98	0.00
86 T	p-Isopropyltoluene	3.022	3.114	-3.0	97	0.00
87 T	1,3-Dichlorobenzene	1.707	1.660	2.8	96	0.00
88 T	1,4-Dichlorobenzene	1.677	1.592	5.1	95	0.00
89 T	n-Butylbenzene	2.627	2.697	-2.7	96	0.00
90 T	Hexachloroethane	0.649	0.634	2.3	98	0.00
91 T	1,2-Dichlorobenzene	1.471	1.439	2.2	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.082	0.078	4.9	101	0.00
93 T	1,2,4-Trichlorobenzene	0.842	0.815	3.2	94	0.00
94 T	Hexachlorobutadiene	0.551	0.511	7.3	91	0.00
95 T	Naphthalene	1.257	1.294	-2.9	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.703	0.693	1.4	95	0.00

(#) = Out of Range

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