

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110625\
 Data File : VY023692.D
 Acq On : 06 Nov 2025 08:42
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 07 04:11:19 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	93	0.00
2 T	Dichlorodifluoromethane	0.328	0.287	12.5	97	0.00
3 P	Chloromethane	0.459	0.441	3.9	99	0.00
4 C	Vinyl Chloride	0.598	0.567	5.2#	96	0.00
5 T	Bromomethane	0.503	0.450	10.5	94	0.00
6 T	Chloroethane	0.413	0.403	2.4	97	0.00
7 T	Trichlorofluoromethane	0.842	0.801	4.9	96	0.00
8 T	Diethyl Ether	0.226	0.208	8.0	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.464	0.452	2.6	97	0.00
10 T	Methyl Iodide	0.548	0.569	-3.8	92	0.00
11 T	Tert butyl alcohol	0.028	0.024	14.3	96	0.00
12 CM	1,1-Dichloroethene	0.447	0.435	2.7#	96	0.00
13 T	Acrolein	0.035	0.027	22.9	85	0.00
14 T	Allyl chloride	0.544	0.558	-2.6	98	0.00
15 T	Acrylonitrile	0.086	0.085	1.2	97	0.00
16 T	Acetone	0.106	0.111	-4.7	109	0.00
17 T	Carbon Disulfide	1.371	1.371	0.0	99	0.00
18 T	Methyl Acetate	0.234	0.221	5.6	98	0.00
19 T	Methyl tert-butyl Ether	1.036	1.010	2.5	93	0.00
20 T	Methylene Chloride	0.512	0.493	3.7	100	0.00
21 T	trans-1,2-Dichloroethene	0.504	0.513	-1.8	98	0.00
22 T	Diisopropyl ether	1.212	1.278	-5.4	97	0.00
23 T	Vinyl Acetate	0.647	0.672	-3.9	96	0.00
24 P	1,1-Dichloroethane	0.807	0.815	-1.0	98	0.00
25 T	2-Butanone	0.123	0.120	2.4	101	0.00
26 T	2,2-Dichloropropane	0.742	0.763	-2.8	100	0.00
27 T	cis-1,2-Dichloroethene	0.575	0.579	-0.7	96	0.00
28 T	Bromochloromethane	0.309	0.315	-1.9	101	0.00
29 T	Tetrahydrofuran	0.065	0.064	1.5	96	0.00
30 C	Chloroform	0.901	0.914	-1.4#	99	0.00
31 T	Cyclohexane	0.703	0.687	2.3	97	0.00
32 T	1,1,1-Trichloroethane	0.805	0.806	-0.1	98	0.00
33 S	1,2-Dichloroethane-d4	0.427	0.431	-0.9	99	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
35 S	Dibromofluoromethane	0.312	0.326	-4.5	97	0.00
36 T	1,1-Dichloropropene	0.418	0.435	-4.1	98	0.00
37 T	Ethyl Acetate	0.162	0.165	-1.9	98	0.00
38 T	Carbon Tetrachloride	0.492	0.508	-3.3	98	0.00
39 T	Methylcyclohexane	0.534	0.552	-3.4	95	0.00
40 TM	Benzene	1.316	1.374	-4.4	99	0.00
41 T	Methacrylonitrile	0.088	0.086	2.3	94	0.00
42 TM	1,2-Dichloroethane	0.333	0.335	-0.6	96	0.00
43 T	Isopropyl Acetate	0.304	0.294	3.3	92	0.00
44 TM	Trichloroethene	0.378	0.379	-0.3	96	0.00
45 C	1,2-Dichloropropane	0.290	0.300	-3.4#	98	0.00
46 T	Dibromomethane	0.180	0.182	-1.1	97	0.00
47 T	Bromodichloromethane	0.454	0.470	-3.5	98	0.00
48 T	Methyl methacrylate	0.143	0.145	-1.4	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	96	0.00
50 S	Toluene-d8	1.164	1.254	-7.7	97	0.00
51 T	4-Methyl-2-Pentanone	0.162	0.162	0.0	94	0.00
52 CM	Toluene	0.840	0.895	-6.5#	97	0.00
53 T	t-1,3-Dichloropropene	0.384	0.396	-3.1	95	0.00
54 T	cis-1,3-Dichloropropene	0.460	0.479	-4.1	95	0.00
55 T	1,1,2-Trichloroethane	0.241	0.244	-1.2	97	0.00
56 T	Ethyl methacrylate	0.265	0.270	-1.9	90	0.00
57 T	1,3-Dichloropropane	0.381	0.390	-2.4	96	0.00
58 T	2-Chloroethyl Vinyl ether	0.122	0.126	-3.3	91	0.00
59 T	2-Hexanone	0.118	0.120	-1.7	97	0.00
60 T	Dibromochloromethane	0.330	0.332	-0.6	94	0.00
61 T	1,2-Dibromoethane	0.226	0.226	0.0	94	0.00
62 S	4-Bromofluorobenzene	0.376	0.410	-9.0	98	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
64 T	Tetrachloroethene	0.520	0.519	0.2	93	0.00
65 PM	Chlorobenzene	1.088	1.108	-1.8	95	0.00
66 T	1,1,1,2-Tetrachloroethane	0.385	0.393	-2.1	96	0.00
67 C	Ethyl Benzene	1.762	1.896	-7.6#	96	0.00
68 T	m/p-Xylenes	0.704	0.762	-8.2	96	0.00
69 T	o-Xylene	0.651	0.691	-6.1	94	0.00
70 T	Styrene	1.074	1.161	-8.1	95	0.00
71 P	Bromoform	0.225	0.222	1.3	93	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
73 T	Isopropylbenzene	3.344	3.627	-8.5	95	0.00
74 T	N-amyl acetate	0.566	0.562	0.7	88	0.00
75 P	1,1,2,2-Tetrachloroethane	0.534	0.526	1.5	95	0.00
76 T	1,2,3-Trichloropropane	0.405	0.415	-2.5	101	0.00
77 T	Bromobenzene	0.867	0.891	-2.8	94	0.00
78 T	n-propylbenzene	3.933	4.292	-9.1	95	0.00
79 T	2-Chlorotoluene	2.283	2.455	-7.5	96	0.00
80 T	1,3,5-Trimethylbenzene	2.717	3.006	-10.6	96	0.00
81 T	trans-1,4-Dichloro-2-butene	0.179	0.179	0.0	94	0.00
82 T	4-Chlorotoluene	2.354	2.526	-7.3	96	0.00
83 T	tert-Butylbenzene	2.475	2.656	-7.3	94	0.00
84 T	1,2,4-Trimethylbenzene	2.691	2.972	-10.4	96	0.00
85 T	sec-Butylbenzene	3.569	3.863	-8.2	95	0.00
86 T	p-Isopropyltoluene	3.022	3.297	-9.1	94	0.00
87 T	1,3-Dichlorobenzene	1.707	1.741	-2.0	93	0.00
88 T	1,4-Dichlorobenzene	1.677	1.694	-1.0	93	0.00
89 T	n-Butylbenzene	2.627	2.900	-10.4	96	0.00
90 T	Hexachloroethane	0.649	0.668	-2.9	95	0.00
91 T	1,2-Dichlorobenzene	1.471	1.494	-1.6	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.082	0.077	6.1	92	0.00
93 T	1,2,4-Trichlorobenzene	0.842	0.844	-0.2	90	0.00
94 T	Hexachlorobutadiene	0.551	0.564	-2.4	93	0.00
95 T	Naphthalene	1.257	1.234	1.8	86	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.703	0.695	1.1	88	0.00

(#) = Out of Range

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