

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101625\
 Data File : VY023481.D
 Acq On : 16 Oct 2025 09:12
 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: Oct 17 01:50:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 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	85	0.00
2 T	Dichlorodifluoromethane	0.360	0.335	6.9	89	0.00
3 P	Chloromethane	0.490	0.458	6.5	87	0.00
4 C	Vinyl Chloride	0.639	0.620	3.0#	89	0.00
5 T	Bromomethane	0.536	0.501	6.5	91	0.00
6 T	Chloroethane	0.435	0.451	-3.7	93	0.00
7 T	Trichlorofluoromethane	0.887	0.894	-0.8	91	0.00
8 T	Diethyl Ether	0.232	0.217	6.5	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.460	0.492	-7.0	96	0.00
10 T	Methyl Iodide	0.512	0.603	-17.8	96	0.00
11 T	Tert butyl alcohol	0.031	0.026	16.1	88	0.00
12 CM	1,1-Dichloroethene	0.446	0.459	-2.9#	92	0.00
13 T	Acrolein	0.044	0.018	59.1#	38#	0.01
14 T	Allyl chloride	0.544	0.550	-1.1	89	0.01
15 T	Acrylonitrile	0.089	0.083	6.7	87	0.00
16 T	Acetone	0.100	0.100	0.0	102	0.00
17 T	Carbon Disulfide	1.277	1.314	-2.9	92	0.00
18 T	Methyl Acetate	0.261	0.259	0.8	90	0.00
19 T	Methyl tert-butyl Ether	1.072	1.019	4.9	85	0.00
20 T	Methylene Chloride	0.538	0.501	6.9	93	0.00
21 T	trans-1,2-Dichloroethene	0.491	0.520	-5.9	94	0.01
22 T	Diisopropyl ether	1.202	1.240	-3.2	91	0.00
23 T	Vinyl Acetate	0.651	0.616	5.4	84	0.00
24 P	1,1-Dichloroethane	0.796	0.843	-5.9	95	0.00
25 T	2-Butanone	0.122	0.109	10.7	89	0.00
26 T	2,2-Dichloropropane	0.731	0.789	-7.9	96	0.00
27 T	cis-1,2-Dichloroethene	0.567	0.607	-7.1	96	0.00
28 T	Bromochloromethane	0.297	0.280	5.7	90	0.00
29 T	Tetrahydrofuran	0.069	0.059	14.5	79	0.00
30 C	Chloroform	0.875	0.939	-7.3#	96	0.00
31 T	Cyclohexane	0.696	0.680	2.3	90	0.00
32 T	1,1,1-Trichloroethane	0.795	0.854	-7.4	95	0.00
33 S	1,2-Dichloroethane-d4	0.418	0.392	6.2	85	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
35 S	Dibromofluoromethane	0.307	0.325	-5.9	89	0.00
36 T	1,1-Dichloropropene	0.407	0.465	-14.3	96	0.00
37 T	Ethyl Acetate	0.161	0.151	6.2	82	0.00
38 T	Carbon Tetrachloride	0.493	0.572	-16.0	97	0.00
39 T	Methylcyclohexane	0.530	0.590	-11.3	92	0.00
40 TM	Benzene	1.288	1.445	-12.2	94	0.00
41 T	Methacrylonitrile	0.087	0.094	-8.0	96	0.00
42 TM	1,2-Dichloroethane	0.332	0.352	-6.0	92	0.01
43 T	Isopropyl Acetate	0.321	0.297	7.5	81	0.00
44 TM	Trichloroethene	0.377	0.417	-10.6	93	0.00
45 C	1,2-Dichloropropane	0.285	0.316	-10.9#	95	0.00
46 T	Dibromomethane	0.180	0.197	-9.4	93	0.00
47 T	Bromodichloromethane	0.453	0.509	-12.4	95	0.00
48 T	Methyl methacrylate	0.151	0.148	2.0	82	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	78	0.00
50 S	Toluene-d8	1.144	1.220	-6.6	89	0.00
51 T	4-Methyl-2-Pentanone	0.166	0.160	3.6	83	0.00
52 CM	Toluene	0.836	0.959	-14.7#	95	0.00
53 T	t-1,3-Dichloropropene	0.394	0.422	-7.1	90	0.00
54 T	cis-1,3-Dichloropropene	0.465	0.513	-10.3	92	0.00
55 T	1,1,2-Trichloroethane	0.242	0.257	-6.2	91	0.00
56 T	Ethyl methacrylate	0.279	0.282	-1.1	83	0.00
57 T	1,3-Dichloropropane	0.383	0.412	-7.6	90	0.00
58 T	2-Chloroethyl Vinyl ether	0.125	0.129	-3.2	82	0.00
59 T	2-Hexanone	0.119	0.115	3.4	84	0.00
60 T	Dibromochloromethane	0.339	0.367	-8.3	92	0.00
61 T	1,2-Dibromoethane	0.231	0.246	-6.5	91	0.00
62 S	4-Bromofluorobenzene	0.378	0.390	-3.2	88	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
64 T	Tetrachloroethene	0.516	0.587	-13.8	93	0.00
65 PM	Chlorobenzene	1.087	1.208	-11.1	95	0.00
66 T	1,1,1,2-Tetrachloroethane	0.388	0.433	-11.6	96	0.00
67 C	Ethyl Benzene	1.760	2.023	-14.9#	95	0.00
68 T	m/p-Xylenes	0.706	0.822	-16.4	95	0.00
69 T	o-Xylene	0.662	0.755	-14.0	93	0.00
70 T	Styrene	1.089	1.274	-17.0	95	0.00
71 P	Bromoform	0.240	0.249	-3.8	90	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	83	0.00
73 T	Isopropylbenzene	3.295	3.800	-15.3	95	0.00
74 T	N-amyl acetate	0.592	0.556	6.1	80	0.00
75 P	1,1,2,2-Tetrachloroethane	0.539	0.538	0.2	90	0.00
76 T	1,2,3-Trichloropropane	0.441	0.425	3.6	82	0.00
77 T	Bromobenzene	0.876	0.939	-7.2	93	0.00
78 T	n-propylbenzene	3.813	4.449	-16.7	95	0.00
79 T	2-Chlorotoluene	2.233	2.506	-12.2	94	0.00
80 T	1,3,5-Trimethylbenzene	2.663	3.109	-16.7	96	0.00
81 T	trans-1,4-Dichloro-2-butene	0.180	0.177	1.7	87	0.00
82 T	4-Chlorotoluene	2.300	2.609	-13.4	95	0.00
83 T	tert-Butylbenzene	2.458	2.810	-14.3	93	0.00
84 T	1,2,4-Trimethylbenzene	2.657	3.081	-16.0	95	0.00
85 T	sec-Butylbenzene	3.527	4.100	-16.2	95	0.00
86 T	p-Isopropyltoluene	3.003	3.522	-17.3	95	0.00
87 T	1,3-Dichlorobenzene	1.706	1.877	-10.0	94	0.00
88 T	1,4-Dichlorobenzene	1.685	1.803	-7.0	93	0.00
89 T	n-Butylbenzene	2.616	3.063	-17.1	95	0.00
90 T	Hexachloroethane	0.646	0.737	-14.1	98	0.00
91 T	1,2-Dichlorobenzene	1.496	1.613	-7.8	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.088	0.082	6.8	82	0.00
93 T	1,2,4-Trichlorobenzene	0.932	0.959	-2.9	87	0.00
94 T	Hexachlorobutadiene	0.581	0.639	-10.0	92	0.00
95 T	Naphthalene	1.485	1.419	4.4	81	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.808	0.811	-0.4	85	0.00

(#) = Out of Range

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