

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091025\
 Data File : VY023321.D
 Acq On : 10 Sep 2025 09:09
 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: Sep 11 03:45:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 10 01:44:33 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	99	0.00
2 T	Dichlorodifluoromethane	0.401	0.365	9.0	99	0.00
3 P	Chloromethane	0.574	0.562	2.1	104	0.00
4 C	Vinyl Chloride	0.723	0.711	1.7#	101	0.01
5 T	Bromomethane	0.590	0.544	7.8	101	0.00
6 T	Chloroethane	0.489	0.487	0.4	102	0.01
7 T	Trichlorofluoromethane	0.913	0.907	0.7	103	0.01
8 T	Diethyl Ether	0.241	0.230	4.6	95	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.491	0.482	1.8	101	0.01
10 T	Methyl Iodide	0.573	0.574	-0.2	93	0.01
11 T	Tert butyl alcohol	0.025	0.024	4.0	95	0.00
12 CM	1,1-Dichloroethene	0.472	0.460	2.5#	99	0.01
13 T	Acrolein	0.043	0.035	18.6	86	0.00
14 T	Allyl chloride	0.596	0.578	3.0	96	0.01
15 T	Acrylonitrile	0.095	0.091	4.2	95	0.01
16 T	Acetone	0.100	0.115	-15.0	114	0.01
17 T	Carbon Disulfide	1.495	1.461	2.3	99	0.01
18 T	Methyl Acetate	0.245	0.230	6.1	97	0.01
19 T	Methyl tert-butyl Ether	1.110	1.081	2.6	95	0.01
20 T	Methylene Chloride	0.535	0.538	-0.6	106	0.02
21 T	trans-1,2-Dichloroethene	0.528	0.524	0.8	100	0.01
22 T	Diisopropyl ether	1.328	1.323	0.4	96	0.00
23 T	Vinyl Acetate	0.734	0.729	0.7	95	0.01
24 P	1,1-Dichloroethane	0.869	0.854	1.7	100	0.01
25 T	2-Butanone	0.123	0.128	-4.1	104	0.01
26 T	2,2-Dichloropropane	0.767	0.765	0.3	100	0.00
27 T	cis-1,2-Dichloroethene	0.597	0.594	0.5	99	0.01
28 T	Bromochloromethane	0.342	0.335	2.0	101	0.00
29 T	Tetrahydrofuran	0.073	0.070	4.1	94	0.01
30 C	Chloroform	0.934	0.915	2.0#	100	0.00
31 T	Cyclohexane	0.769	0.736	4.3	100	0.01
32 T	1,1,1-Trichloroethane	0.834	0.831	0.4	102	0.00
33 S	1,2-Dichloroethane-d4	0.439	0.427	2.7	98	0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
35 S	Dibromofluoromethane	0.306	0.315	-2.9	97	0.00
36 T	1,1-Dichloropropene	0.435	0.457	-5.1	100	0.00
37 T	Ethyl Acetate	0.173	0.177	-2.3	98	0.00
38 T	Carbon Tetrachloride	0.501	0.526	-5.0	101	0.00
39 T	Methylcyclohexane	0.557	0.600	-7.7	99	0.00
40 TM	Benzene	1.353	1.411	-4.3	99	0.01
41 T	Methacrylonitrile	0.090	0.082	8.9	87	0.00
42 TM	1,2-Dichloroethane	0.344	0.352	-2.3	98	0.00
43 T	Isopropyl Acetate	0.337	0.333	1.2	92	0.00
44 TM	Trichloroethene	0.377	0.392	-4.0	99	0.00
45 C	1,2-Dichloropropane	0.306	0.314	-2.6#	99	0.00
46 T	Dibromomethane	0.186	0.192	-3.2	98	0.00
47 T	Bromodichloromethane	0.468	0.482	-3.0	98	0.00
48 T	Methyl methacrylate	0.157	0.166	-5.7	95	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	93	0.00
50 S	Toluene-d8	1.154	1.218	-5.5	99	0.00
51 T	4-Methyl-2-Pentanone	0.172	0.179	-4.1	95	0.00
52 CM	Toluene	0.859	0.926	-7.8#	99	0.00
53 T	t-1,3-Dichloropropene	0.403	0.417	-3.5	95	0.00
54 T	cis-1,3-Dichloropropene	0.482	0.499	-3.5	97	0.00
55 T	1,1,2-Trichloroethane	0.248	0.253	-2.0	97	0.00
56 T	Ethyl methacrylate	0.287	0.304	-5.9	94	0.00
57 T	1,3-Dichloropropane	0.402	0.414	-3.0	96	0.00
58 T	2-Chloroethyl Vinyl ether	0.125	0.138	-10.4	94	0.00
59 T	2-Hexanone	0.119	0.132	-10.9	100	0.00
60 T	Dibromochloromethane	0.336	0.353	-5.1	99	0.00
61 T	1,2-Dibromoethane	0.232	0.240	-3.4	98	0.01
62 S	4-Bromofluorobenzene	0.363	0.388	-6.9	99	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.01
64 T	Tetrachloroethene	0.498	0.538	-8.0	100	0.00
65 PM	Chlorobenzene	1.095	1.134	-3.6	98	0.00
66 T	1,1,1,2-Tetrachloroethane	0.384	0.398	-3.6	98	0.00
67 C	Ethyl Benzene	1.790	1.942	-8.5#	99	0.00
68 T	m/p-Xylenes	0.717	0.782	-9.1	99	0.00
69 T	o-Xylene	0.663	0.719	-8.4	98	0.00
70 T	Styrene	1.099	1.196	-8.8	96	0.00
71 P	Bromoform	0.229	0.234	-2.2	96	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73 T	Isopropylbenzene	3.368	3.621	-7.5	98	0.00
74 T	N-amyl acetate	0.637	0.649	-1.9	93	0.00
75 P	1,1,2,2-Tetrachloroethane	0.565	0.553	2.1	95	0.00
76 T	1,2,3-Trichloropropane	0.506	0.522	-3.2	98	0.00
77 T	Bromobenzene	0.860	0.887	-3.1	97	0.00
78 T	n-propylbenzene	3.970	4.338	-9.3	99	0.00
79 T	2-Chlorotoluene	2.286	2.445	-7.0	99	0.01
80 T	1,3,5-Trimethylbenzene	2.739	2.973	-8.5	98	0.00
81 T	trans-1,4-Dichloro-2-butene	0.186	0.190	-2.2	98	0.00
82 T	4-Chlorotoluene	2.392	2.498	-4.4	97	0.01
83 T	tert-Butylbenzene	2.481	2.665	-7.4	98	0.00
84 T	1,2,4-Trimethylbenzene	2.710	2.941	-8.5	97	0.00
85 T	sec-Butylbenzene	3.610	3.892	-7.8	98	0.00
86 T	p-Isopropyltoluene	3.049	3.311	-8.6	97	0.00
87 T	1,3-Dichlorobenzene	1.703	1.741	-2.2	96	0.00
88 T	1,4-Dichlorobenzene	1.686	1.695	-0.5	96	0.00
89 T	n-Butylbenzene	2.704	2.948	-9.0	97	0.00
90 T	Hexachloroethane	0.661	0.667	-0.9	97	0.00
91 T	1,2-Dichlorobenzene	1.485	1.502	-1.1	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.089	0.086	3.4	95	0.00
93 T	1,2,4-Trichlorobenzene	0.866	0.881	-1.7	93	0.00
94 T	Hexachlorobutadiene	0.535	0.562	-5.0	99	0.00
95 T	Naphthalene	1.392	1.415	-1.7	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.752	0.762	-1.3	93	0.00

(#) = Out of Range

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