

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092525\
 Data File : VY023363.D
 Acq On : 25 Sep 2025 10:02
 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 26 04:20:38 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	120	0.00
2 T	Dichlorodifluoromethane	0.401	0.347	13.5	114	0.00
3 P	Chloromethane	0.574	0.513	10.6	115	0.00
4 C	Vinyl Chloride	0.723	0.651	10.0#	112	0.01
5 T	Bromomethane	0.590	0.501	15.1	113	0.00
6 T	Chloroethane	0.489	0.440	10.0	112	0.00
7 T	Trichlorofluoromethane	0.913	0.858	6.0	118	0.00
8 T	Diethyl Ether	0.241	0.236	2.1	119	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.491	0.453	7.7	116	0.01
10 T	Methyl Iodide	0.573	0.542	5.4	107	0.01
11 T	Tert butyl alcohol	0.025	0.031	-24.0	154#	0.00
12 CM	1,1-Dichloroethene	0.472	0.440	6.8#	115	0.00
13 T	Acrolein	0.043	0.013	69.8#	37#	0.00
14 T	Allyl chloride	0.596	0.581	2.5	117	0.00
15 T	Acrylonitrile	0.095	0.091	4.2	116	0.00
16 T	Acetone	0.100	0.106	-6.0	127	0.00
17 T	Carbon Disulfide	1.495	1.319	11.8	109	0.00
18 T	Methyl Acetate	0.245	0.257	-4.9	132	0.00
19 T	Methyl tert-butyl Ether	1.110	1.110	0.0	119	0.00
20 T	Methylene Chloride	0.535	0.544	-1.7	130	0.01
21 T	trans-1,2-Dichloroethene	0.528	0.495	6.3	114	0.01
22 T	Diisopropyl ether	1.328	1.289	2.9	114	0.00
23 T	Vinyl Acetate	0.734	0.714	2.7	113	0.00
24 P	1,1-Dichloroethane	0.869	0.815	6.2	116	0.00
25 T	2-Butanone	0.123	0.127	-3.3	125	0.00
26 T	2,2-Dichloropropane	0.767	0.750	2.2	120	0.00
27 T	cis-1,2-Dichloroethene	0.597	0.580	2.8	118	0.00
28 T	Bromochloromethane	0.342	0.284	17.0	104	0.00
29 T	Tetrahydrofuran	0.073	0.072	1.4	117	0.00
30 C	Chloroform	0.934	0.878	6.0#	116	0.00
31 T	Cyclohexane	0.769	0.704	8.5	116	0.00
32 T	1,1,1-Trichloroethane	0.834	0.785	5.9	117	0.00
33 S	1,2-Dichloroethane-d4	0.439	0.422	3.9	118	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	121	0.00
35 S	Dibromofluoromethane	0.306	0.299	2.3	116	0.00
36 T	1,1-Dichloropropene	0.435	0.413	5.1	113	0.00
37 T	Ethyl Acetate	0.173	0.165	4.6	114	0.00
38 T	Carbon Tetrachloride	0.501	0.484	3.4	116	0.00
39 T	Methylcyclohexane	0.557	0.557	0.0	116	0.00
40 TM	Benzene	1.353	1.301	3.8	115	0.00
41 T	Methacrylonitrile	0.090	0.086	4.4	115	0.00
42 TM	1,2-Dichloroethane	0.344	0.329	4.4	115	0.00
43 T	Isopropyl Acetate	0.337	0.324	3.9	113	0.00
44 TM	Trichloroethene	0.377	0.363	3.7	115	0.00
45 C	1,2-Dichloropropane	0.306	0.290	5.2#	115	0.00
46 T	Dibromomethane	0.186	0.177	4.8	114	0.00
47 T	Bromodichloromethane	0.468	0.447	4.5	114	0.00
48 T	Methyl methacrylate	0.157	0.160	-1.9	115	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	135	0.00
50 S	Toluene-d8	1.154	1.144	0.9	116	0.00
51 T	4-Methyl-2-Pentanone	0.172	0.175	-1.7	116	0.00
52 CM	Toluene	0.859	0.840	2.2#	113	0.00
53 T	t-1,3-Dichloropropene	0.403	0.406	-0.7	116	0.00
54 T	cis-1,3-Dichloropropene	0.482	0.483	-0.2	117	0.00
55 T	1,1,2-Trichloroethane	0.248	0.236	4.8	114	0.00
56 T	Ethyl methacrylate	0.287	0.295	-2.8	114	0.00
57 T	1,3-Dichloropropane	0.402	0.386	4.0	113	0.00
58 T	2-Chloroethyl Vinyl ether	0.125	0.125	0.0	107	0.00
59 T	2-Hexanone	0.119	0.126	-5.9	121	0.00
60 T	Dibromochloromethane	0.336	0.329	2.1	116	0.00
61 T	1,2-Dibromoethane	0.232	0.229	1.3	117	0.00
62 S	4-Bromofluorobenzene	0.363	0.376	-3.6	120	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	118	0.00
64 T	Tetrachloroethene	0.498	0.470	5.6	109	0.00
65 PM	Chlorobenzene	1.095	1.073	2.0	115	0.00
66 T	1,1,1,2-Tetrachloroethane	0.384	0.377	1.8	115	0.00
67 C	Ethyl Benzene	1.790	1.812	-1.2#	114	0.00
68 T	m/p-Xylenes	0.717	0.727	-1.4	114	0.00
69 T	o-Xylene	0.663	0.683	-3.0	115	0.00
70 T	Styrene	1.099	1.125	-2.4	112	0.00
71 P	Bromoform	0.229	0.230	-0.4	118	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	119	0.00
73 T	Isopropylbenzene	3.368	3.409	-1.2	115	0.00
74 T	N-amyl acetate	0.637	0.634	0.5	114	0.00
75 P	1,1,2,2-Tetrachloroethane	0.565	0.558	1.2	120	0.00
76 T	1,2,3-Trichloropropane	0.506	0.475	6.1	111	0.00
77 T	Bromobenzene	0.860	0.858	0.2	116	0.00
78 T	n-propylbenzene	3.970	4.024	-1.4	114	0.00
79 T	2-Chlorotoluene	2.286	2.306	-0.9	116	0.00
80 T	1,3,5-Trimethylbenzene	2.739	2.809	-2.6	116	0.00
81 T	trans-1,4-Dichloro-2-butene	0.186	0.187	-0.5	120	0.00
82 T	4-Chlorotoluene	2.392	2.357	1.5	114	0.00
83 T	tert-Butylbenzene	2.481	2.538	-2.3	116	0.00
84 T	1,2,4-Trimethylbenzene	2.710	2.790	-3.0	115	0.00
85 T	sec-Butylbenzene	3.610	3.715	-2.9	116	0.00
86 T	p-Isopropyltoluene	3.049	3.157	-3.5	115	0.00
87 T	1,3-Dichlorobenzene	1.703	1.687	0.9	115	0.00
88 T	1,4-Dichlorobenzene	1.686	1.634	3.1	115	0.00
89 T	n-Butylbenzene	2.704	2.816	-4.1	115	0.00
90 T	Hexachloroethane	0.661	0.635	3.9	115	0.00
91 T	1,2-Dichlorobenzene	1.485	1.468	1.1	116	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.089	0.085	4.5	116	0.00
93 T	1,2,4-Trichlorobenzene	0.866	0.926	-6.9	122	0.00
94 T	Hexachlorobutadiene	0.535	0.571	-6.7	125	0.00
95 T	Naphthalene	1.392	1.521	-9.3	119	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.752	0.791	-5.2	120	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6