

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091225\
 Data File : VY023355.D
 Acq On : 12 Sep 2025 08:57
 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 12 23:56:28 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	98	0.00
2 T	Dichlorodifluoromethane	0.401	0.332	17.2	89	0.00
3 P	Chloromethane	0.574	0.512	10.8	94	0.00
4 C	Vinyl Chloride	0.723	0.667	7.7#	94	0.01
5 T	Bromomethane	0.590	0.542	8.1	100	0.00
6 T	Chloroethane	0.489	0.460	5.9	96	0.01
7 T	Trichlorofluoromethane	0.913	0.867	5.0	98	0.00
8 T	Diethyl Ether	0.241	0.220	8.7	90	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.491	0.443	9.8	92	0.01
10 T	Methyl Iodide	0.573	0.544	5.1	87	0.00
11 T	Tert butyl alcohol	0.025	0.022	12.0	86	0.00
12 CM	1,1-Dichloroethene	0.472	0.433	8.3#	92	0.00
13 T	Acrolein	0.043	0.025	41.9#	61	0.00
14 T	Allyl chloride	0.596	0.534	10.4	88	0.00
15 T	Acrylonitrile	0.095	0.083	12.6	87	0.01
16 T	Acetone	0.100	0.101	-1.0	99	0.00
17 T	Carbon Disulfide	1.495	1.337	10.6	90	0.00
18 T	Methyl Acetate	0.245	0.215	12.2	90	0.00
19 T	Methyl tert-butyl Ether	1.110	1.031	7.1	90	0.01
20 T	Methylene Chloride	0.535	0.489	8.6	95	0.01
21 T	trans-1,2-Dichloroethene	0.528	0.501	5.1	94	0.01
22 T	Diisopropyl ether	1.328	1.240	6.6	90	0.00
23 T	Vinyl Acetate	0.734	0.669	8.9	87	0.00
24 P	1,1-Dichloroethane	0.869	0.801	7.8	93	0.00
25 T	2-Butanone	0.123	0.116	5.7	93	0.00
26 T	2,2-Dichloropropane	0.767	0.730	4.8	95	0.00
27 T	cis-1,2-Dichloroethene	0.597	0.571	4.4	94	0.00
28 T	Bromochloromethane	0.342	0.284	17.0	84	0.00
29 T	Tetrahydrofuran	0.073	0.064	12.3	85	0.00
30 C	Chloroform	0.934	0.877	6.1#	95	0.00
31 T	Cyclohexane	0.769	0.668	13.1	90	0.00
32 T	1,1,1-Trichloroethane	0.834	0.789	5.4	96	0.00
33 S	1,2-Dichloroethane-d4	0.439	0.408	7.1	93	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35 S	Dibromofluoromethane	0.306	0.303	1.0	94	0.00
36 T	1,1-Dichloropropene	0.435	0.420	3.4	92	0.00
37 T	Ethyl Acetate	0.173	0.157	9.2	87	0.00
38 T	Carbon Tetrachloride	0.501	0.485	3.2	93	0.00
39 T	Methylcyclohexane	0.557	0.543	2.5	91	0.00
40 TM	Benzene	1.353	1.324	2.1	94	0.00
41 T	Methacrylonitrile	0.090	0.090	0.0	96	0.00
42 TM	1,2-Dichloroethane	0.344	0.323	6.1	91	0.00
43 T	Isopropyl Acetate	0.337	0.304	9.8	85	0.00
44 TM	Trichloroethene	0.377	0.373	1.1	95	0.00
45 C	1,2-Dichloropropane	0.306	0.296	3.3#	94	0.00
46 T	Dibromomethane	0.186	0.177	4.8	91	0.00
47 T	Bromodichloromethane	0.468	0.456	2.6	93	0.00
48 T	Methyl methacrylate	0.157	0.144	8.3	83	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	92	0.00
50 S	Toluene-d8	1.154	1.178	-2.1	96	0.00
51 T	4-Methyl-2-Pentanone	0.172	0.163	5.2	87	0.00
52 CM	Toluene	0.859	0.871	-1.4#	94	0.00
53 T	t-1,3-Dichloropropene	0.403	0.397	1.5	91	0.00
54 T	cis-1,3-Dichloropropene	0.482	0.473	1.9	92	0.00
55 T	1,1,2-Trichloroethane	0.248	0.240	3.2	93	0.00
56 T	Ethyl methacrylate	0.287	0.287	0.0	89	0.00
57 T	1,3-Dichloropropane	0.402	0.385	4.2	90	0.00
58 T	2-Chloroethyl Vinyl ether	0.125	0.128	-2.4	89	0.00
59 T	2-Hexanone	0.119	0.119	0.0	92	0.00
60 T	Dibromochloromethane	0.336	0.332	1.2	94	0.00
61 T	1,2-Dibromoethane	0.232	0.228	1.7	94	0.00
62 S	4-Bromofluorobenzene	0.363	0.374	-3.0	96	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
64 T	Tetrachloroethene	0.498	0.526	-5.6	100	0.00
65 PM	Chlorobenzene	1.095	1.066	2.6	94	0.00
66 T	1,1,1,2-Tetrachloroethane	0.384	0.376	2.1	94	0.00
67 C	Ethyl Benzene	1.790	1.802	-0.7#	93	0.00
68 T	m/p-Xylenes	0.717	0.735	-2.5	95	0.00
69 T	o-Xylene	0.663	0.671	-1.2	93	0.00
70 T	Styrene	1.099	1.131	-2.9	93	0.00
71 P	Bromoform	0.229	0.222	3.1	94	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73 T	Isopropylbenzene	3.368	3.368	0.0	94	0.00
74 T	N-amyl acetate	0.637	0.588	7.7	87	0.00
75 P	1,1,2,2-Tetrachloroethane	0.565	0.500	11.5	89	0.00
76 T	1,2,3-Trichloropropane	0.506	0.468	7.5	90	0.00
77 T	Bromobenzene	0.860	0.839	2.4	94	0.00
78 T	n-propylbenzene	3.970	3.952	0.5	93	0.00
79 T	2-Chlorotoluene	2.286	2.239	2.1	93	0.00
80 T	1,3,5-Trimethylbenzene	2.739	2.745	-0.2	94	0.00
81 T	trans-1,4-Dichloro-2-butene	0.186	0.172	7.5	92	0.00
82 T	4-Chlorotoluene	2.392	2.322	2.9	93	0.01
83 T	tert-Butylbenzene	2.481	2.483	-0.1	94	0.00
84 T	1,2,4-Trimethylbenzene	2.710	2.773	-2.3	95	0.00
85 T	sec-Butylbenzene	3.610	3.607	0.1	94	0.00
86 T	p-Isopropyltoluene	3.049	3.084	-1.1	93	0.00
87 T	1,3-Dichlorobenzene	1.703	1.656	2.8	94	0.00
88 T	1,4-Dichlorobenzene	1.686	1.611	4.4	94	0.00
89 T	n-Butylbenzene	2.704	2.700	0.1	92	0.00
90 T	Hexachloroethane	0.661	0.628	5.0	94	0.00
91 T	1,2-Dichlorobenzene	1.485	1.439	3.1	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.089	0.079	11.2	90	0.00
93 T	1,2,4-Trichlorobenzene	0.866	0.851	1.7	93	0.00
94 T	Hexachlorobutadiene	0.535	0.529	1.1	96	0.00
95 T	Naphthalene	1.392	1.375	1.2	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.752	0.736	2.1	92	0.00

(#) = Out of Range

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