

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061625\
 Data File : VY022710.D
 Acq On : 16 Jun 2025 16:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 17 05:56:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 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	66	0.00
2 T	Dichlorodifluoromethane	0.448	0.387	13.6	62	0.00
3 P	Chloromethane	1.322	1.431	-8.2	76	0.00
4 C	Vinyl Chloride	1.534	1.755	-14.4#	77	0.00
5 T	Bromomethane	1.470	1.602	-9.0	85	0.00
6 T	Chloroethane	1.053	1.331	-26.4#	91	0.00
7 T	Trichlorofluoromethane	1.302	1.567	-20.4	84	0.00
8 T	Diethyl Ether	0.293	0.307	-4.8	69	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.549	0.541	1.5	66	0.00
10 T	Methyl Iodide	0.594	0.587	1.2	60	0.00
11 T	Tert butyl alcohol	0.040	0.041	-2.5	68	0.00
12 CM	1,1-Dichloroethene	0.524	0.521	0.6#	66	0.00
13 T	Acrolein	0.050	0.017	66.0#	24#	0.00
14 T	Allyl chloride	0.823	0.778	5.5	63	0.00
15 T	Acrylonitrile	0.124	0.131	-5.6	68	0.00
16 T	Acetone	0.114	0.112	1.8	64	0.00
17 T	Carbon Disulfide	1.679	1.535	8.6	61	0.00
18 T	Methyl Acetate	0.336	0.356	-6.0	70	0.00
19 T	Methyl tert-butyl Ether	1.477	1.536	-4.0	69	0.00
20 T	Methylene Chloride	0.645	0.688	-6.7	79	-0.01
21 T	trans-1,2-Dichloroethene	0.587	0.604	-2.9	70	0.00
22 T	Diisopropyl ether	1.832	1.869	-2.0	68	0.00
23 T	Vinyl Acetate	1.084	1.082	0.2	66	0.00
24 P	1,1-Dichloroethane	1.079	1.125	-4.3	70	0.00
25 T	2-Butanone	0.164	0.169	-3.0	66	0.00
26 T	2,2-Dichloropropane	0.954	0.946	0.8	66	0.00
27 T	cis-1,2-Dichloroethene	0.678	0.724	-6.8	70	0.00
28 T	Bromochloromethane	0.471	0.506	-7.4	73	0.00
29 T	Tetrahydrofuran	0.106	0.107	-0.9	67	0.00
30 C	Chloroform	1.069	1.172	-9.6#	73	0.00
31 T	Cyclohexane	1.075	0.935	13.0	61	0.00
32 T	1,1,1-Trichloroethane	0.949	1.002	-5.6	69	0.00
33 S	1,2-Dichloroethane-d4	0.559	0.579	-3.6	64	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	67	0.00
35 S	Dibromofluoromethane	0.298	0.313	-5.0	66	0.00
36 T	1,1-Dichloropropene	0.484	0.482	0.4	67	0.00
37 T	Ethyl Acetate	0.216	0.226	-4.6	67	0.00
38 T	Carbon Tetrachloride	0.497	0.501	-0.8	67	0.00
39 T	Methylcyclohexane	0.651	0.603	7.4	62	0.00
40 TM	Benzene	1.431	1.492	-4.3	70	0.00
41 T	Methacrylonitrile	0.126	0.117	7.1	63	0.00
42 TM	1,2-Dichloroethane	0.391	0.412	-5.4	71	0.00
43 T	Isopropyl Acetate	0.467	0.467	0.0	66	0.00
44 TM	Trichloroethene	0.350	0.372	-6.3	71	0.00
45 C	1,2-Dichloropropane	0.338	0.357	-5.6#	70	0.00
46 T	Dibromomethane	0.190	0.205	-7.9	72	0.00
47 T	Bromodichloromethane	0.482	0.531	-10.2	73	0.00
48 T	Methyl methacrylate	0.219	0.210	4.1	64	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	70	0.00
50 S	Toluene-d8	1.206	1.250	-3.6	66	0.00
51 T	4-Methyl-2-Pentanone	0.233	0.245	-5.2	68	0.00
52 CM	Toluene	0.899	0.931	-3.6#	70	0.00
53 T	t-1,3-Dichloropropene	0.452	0.473	-4.6	69	0.00
54 T	cis-1,3-Dichloropropene	0.526	0.545	-3.6	68	0.00
55 T	1,1,2-Trichloroethane	0.243	0.258	-6.2	72	0.00
56 T	Ethyl methacrylate	0.351	0.372	-6.0	69	0.00
57 T	1,3-Dichloropropane	0.430	0.456	-6.0	71	0.00
58 T	2-Chloroethyl Vinyl ether	0.159	0.190	-19.5	80	0.00
59 T	2-Hexanone	0.156	0.160	-2.6	67	0.00
60 T	Dibromochloromethane	0.308	0.325	-5.5	70	0.00
61 T	1,2-Dibromoethane	0.221	0.239	-8.1	72	0.00
62 S	4-Bromofluorobenzene	0.359	0.359	0.0	65	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	68	0.00
64 T	Tetrachloroethene	0.430	0.520	-20.9	81	0.00
65 PM	Chlorobenzene	1.106	1.156	-4.5	71	0.00
66 T	1,1,1,2-Tetrachloroethane	0.373	0.388	-4.0	70	0.00
67 C	Ethyl Benzene	2.052	2.121	-3.4#	69	0.00
68 T	m/p-Xylenes	0.778	0.812	-4.4	71	0.00
69 T	o-Xylene	0.729	0.755	-3.6	70	0.00
70 T	Styrene	1.206	1.265	-4.9	70	0.00
71 P	Bromoform	0.198	0.208	-5.1	71	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	70	0.00
73 T	Isopropylbenzene	4.105	4.072	0.8	69	0.00
74 T	N-amyl acetate	1.036	1.029	0.7	68	0.00
75 P	1,1,2,2-Tetrachloroethane	0.674	0.644	4.5	66	0.00
76 T	1,2,3-Trichloropropane	0.572	0.512	10.5	57	0.00
77 T	Bromobenzene	0.866	0.880	-1.6	71	0.00
78 T	n-propylbenzene	5.014	4.946	1.4	69	0.00
79 T	2-Chlorotoluene	2.657	2.621	1.4	69	0.00
80 T	1,3,5-Trimethylbenzene	3.223	3.195	0.9	69	0.00
81 T	trans-1,4-Dichloro-2-butene	0.237	0.220	7.2	66	0.00
82 T	4-Chlorotoluene	2.741	2.733	0.3	69	0.00
83 T	tert-Butylbenzene	2.893	2.862	1.1	69	0.00
84 T	1,2,4-Trimethylbenzene	3.223	3.178	1.4	69	0.00
85 T	sec-Butylbenzene	4.430	4.366	1.4	69	0.00
86 T	p-Isopropyltoluene	3.652	3.603	1.3	69	0.00
87 T	1,3-Dichlorobenzene	1.755	1.800	-2.6	73	0.00
88 T	1,4-Dichlorobenzene	1.702	1.711	-0.5	71	0.00
89 T	n-Butylbenzene	3.464	3.418	1.3	68	0.00
90 T	Hexachloroethane	0.711	0.718	-1.0	71	0.00
91 T	1,2-Dichlorobenzene	1.490	1.526	-2.4	71	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.098	0.106	-8.2	71	0.00
93 T	1,2,4-Trichlorobenzene	0.813	0.834	-2.6	72	0.00
94 T	Hexachlorobutadiene	0.449	0.453	-0.9	71	0.00
95 T	Naphthalene	1.560	1.604	-2.8	70	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.697	0.705	-1.1	71	0.00

(#) = Out of Range

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