

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060625\
 Data File : VY022587.D
 Acq On : 06 Jun 2025 09:33
 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: Jun 06 23:38:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 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	87	0.00
2 T	Dichlorodifluoromethane	0.448	0.393	12.3	83	0.00
3 P	Chloromethane	1.322	1.140	13.8	81	0.00
4 C	Vinyl Chloride	1.534	1.767	-15.2#	103	0.00
5 T	Bromomethane	1.470	1.301	11.5	91	-0.01
6 T	Chloroethane	1.053	1.207	-14.6	109	-0.01
7 T	Trichlorofluoromethane	1.302	1.663	-27.7#	118	-0.01
8 T	Diethyl Ether	0.293	0.273	6.8	82	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	0.549	0.523	4.7	85	0.00
10 T	Methyl Iodide	0.594	0.548	7.7	74	-0.01
11 T	Tert butyl alcohol	0.040	0.038	5.0	84	-0.02
12 CM	1,1-Dichloroethene	0.524	0.515	1.7#	87	-0.02
13 T	Acrolein	0.050	0.037	26.0#	66	-0.01
14 T	Allyl chloride	0.823	0.774	6.0	84	-0.01
15 T	Acrylonitrile	0.124	0.115	7.3	80	-0.02
16 T	Acetone	0.114	0.121	-6.1	91	-0.01
17 T	Carbon Disulfide	1.679	1.559	7.1	82	-0.01
18 T	Methyl Acetate	0.336	0.285	15.2	75	-0.02
19 T	Methyl tert-butyl Ether	1.477	1.367	7.4	81	-0.02
20 T	Methylene Chloride	0.645	0.571	11.5	87	-0.01
21 T	trans-1,2-Dichloroethene	0.587	0.566	3.6	86	-0.01
22 T	Diisopropyl ether	1.832	1.730	5.6	83	-0.01
23 T	Vinyl Acetate	1.084	1.005	7.3	81	-0.02
24 P	1,1-Dichloroethane	1.079	1.070	0.8	88	-0.01
25 T	2-Butanone	0.164	0.164	0.0	85	-0.01
26 T	2,2-Dichloropropane	0.954	0.944	1.0	87	-0.01
27 T	cis-1,2-Dichloroethene	0.678	0.663	2.2	85	-0.01
28 T	Bromochloromethane	0.471	0.458	2.8	88	-0.01
29 T	Tetrahydrofuran	0.106	0.095	10.4	80	-0.01
30 C	Chloroform	1.069	1.046	2.2#	86	-0.01
31 T	Cyclohexane	1.075	0.964	10.3	83	0.00
32 T	1,1,1-Trichloroethane	0.949	0.950	-0.1	87	-0.01
33 S	1,2-Dichloroethane-d4	0.559	0.552	1.3	81	-0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
35 S	Dibromofluoromethane	0.298	0.309	-3.7	82	-0.01
36 T	1,1-Dichloropropene	0.484	0.483	0.2	85	-0.01
37 T	Ethyl Acetate	0.216	0.207	4.2	77	-0.02
38 T	Carbon Tetrachloride	0.497	0.502	-1.0	84	-0.01
39 T	Methylcyclohexane	0.651	0.631	3.1	82	-0.01
40 TM	Benzene	1.431	1.458	-1.9	86	0.00
41 T	Methacrylonitrile	0.126	0.120	4.8	82	-0.01
42 TM	1,2-Dichloroethane	0.391	0.387	1.0	85	-0.01
43 T	Isopropyl Acetate	0.467	0.438	6.2	78	0.00
44 TM	Trichloroethene	0.350	0.351	-0.3	84	0.00
45 C	1,2-Dichloropropane	0.338	0.341	-0.9#	85	0.00
46 T	Dibromomethane	0.190	0.186	2.1	82	0.00
47 T	Bromodichloromethane	0.482	0.489	-1.5	85	0.00
48 T	Methyl methacrylate	0.219	0.203	7.3	78	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	89	-0.02
50 S	Toluene-d8	1.206	1.254	-4.0	84	0.00
51 T	4-Methyl-2-Pentanone	0.233	0.224	3.9	79	0.00
52 CM	Toluene	0.899	0.911	-1.3#	86	0.00
53 T	t-1,3-Dichloropropene	0.452	0.442	2.2	82	0.00
54 T	cis-1,3-Dichloropropene	0.526	0.524	0.4	83	0.00
55 T	1,1,2-Trichloroethane	0.243	0.240	1.2	85	0.00
56 T	Ethyl methacrylate	0.351	0.336	4.3	79	0.00
57 T	1,3-Dichloropropane	0.430	0.419	2.6	82	0.00
58 T	2-Chloroethyl Vinyl ether	0.159	0.173	-8.8	93	0.00
59 T	2-Hexanone	0.156	0.153	1.9	81	0.00
60 T	Dibromochloromethane	0.308	0.305	1.0	83	0.00
61 T	1,2-Dibromoethane	0.221	0.215	2.7	82	0.00
62 S	4-Bromofluorobenzene	0.359	0.366	-1.9	84	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
64 T	Tetrachloroethene	0.430	0.436	-1.4	87	0.00
65 PM	Chlorobenzene	1.106	1.110	-0.4	87	0.00
66 T	1,1,1,2-Tetrachloroethane	0.373	0.368	1.3	85	0.00
67 C	Ethyl Benzene	2.052	2.049	0.1#	86	0.00
68 T	m/p-Xylenes	0.778	0.781	-0.4	87	0.00
69 T	o-Xylene	0.729	0.723	0.8	86	0.00
70 T	Styrene	1.206	1.208	-0.2	86	0.00
71 P	Bromoform	0.198	0.186	6.1	81	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	87	0.00
73 T	Isopropylbenzene	4.105	4.097	0.2	86	0.00
74 T	N-amyl acetate	1.036	0.962	7.1	78	0.00
75 P	1,1,2,2-Tetrachloroethane	0.674	0.625	7.3	80	0.00
76 T	1,2,3-Trichloropropane	0.572	0.429	25.0	59	0.00
77 T	Bromobenzene	0.866	0.840	3.0	85	0.00
78 T	n-propylbenzene	5.014	5.075	-1.2	87	0.00
79 T	2-Chlorotoluene	2.657	2.634	0.9	86	0.00
80 T	1,3,5-Trimethylbenzene	3.223	3.225	-0.1	86	0.00
81 T	trans-1,4-Dichloro-2-butene	0.237	0.212	10.5	79	0.00
82 T	4-Chlorotoluene	2.741	2.698	1.6	85	0.00
83 T	tert-Butylbenzene	2.893	2.854	1.3	86	0.00
84 T	1,2,4-Trimethylbenzene	3.223	3.239	-0.5	88	0.00
85 T	sec-Butylbenzene	4.430	4.492	-1.4	88	0.00
86 T	p-Isopropyltoluene	3.652	3.678	-0.7	88	0.00
87 T	1,3-Dichlorobenzene	1.755	1.720	2.0	87	0.00
88 T	1,4-Dichlorobenzene	1.702	1.672	1.8	86	0.00
89 T	n-Butylbenzene	3.464	3.569	-3.0	88	0.00
90 T	Hexachloroethane	0.711	0.715	-0.6	87	0.00
91 T	1,2-Dichlorobenzene	1.490	1.461	1.9	84	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.098	0.093	5.1	77	0.00
93 T	1,2,4-Trichlorobenzene	0.813	0.815	-0.2	87	0.00
94 T	Hexachlorobutadiene	0.449	0.460	-2.4	90	0.00
95 T	Naphthalene	1.560	1.468	5.9	79	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.697	0.665	4.6	83	0.00

(#) = Out of Range

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