

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060625\
 Data File : VY022612.D
 Acq On : 06 Jun 2025 20:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 06 23:48:54 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	67	-0.01
2 T	Dichlorodifluoromethane	0.448	0.396	11.6	65	0.00
3 P	Chloromethane	1.322	1.320	0.2	72	0.00
4 C	Vinyl Chloride	1.534	2.000	-30.4#	90	0.00
5 T	Bromomethane	1.470	1.552	-5.6	84	-0.01
6 T	Chloroethane	1.053	1.447	-37.4#	101	-0.01
7 T	Trichlorofluoromethane	1.302	1.780	-36.7#	98	-0.01
8 T	Diethyl Ether	0.293	0.317	-8.2	73	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.549	0.549	0.0	69	-0.01
10 T	Methyl Iodide	0.594	0.594	0.0	62	-0.01
11 T	Tert butyl alcohol	0.040	0.045	-12.5	77	-0.02
12 CM	1,1-Dichloroethene	0.524	0.545	-4.0#	71	-0.02
13 T	Acrolein	0.050	0.029	42.0#	41#	-0.01
14 T	Allyl chloride	0.823	0.820	0.4	68	-0.02
15 T	Acrylonitrile	0.124	0.144	-16.1	77	-0.02
16 T	Acetone	0.114	0.104	8.8	60	-0.01
17 T	Carbon Disulfide	1.679	1.623	3.3	66	-0.01
18 T	Methyl Acetate	0.336	0.446	-32.7#	90	-0.02
19 T	Methyl tert-butyl Ether	1.477	1.585	-7.3	73	-0.02
20 T	Methylene Chloride	0.645	0.655	-1.6	77	-0.02
21 T	trans-1,2-Dichloroethene	0.587	0.630	-7.3	74	-0.01
22 T	Diisopropyl ether	1.832	1.932	-5.5	72	-0.01
23 T	Vinyl Acetate	1.084	1.088	-0.4	68	-0.01
24 P	1,1-Dichloroethane	1.079	1.153	-6.9	73	-0.01
25 T	2-Butanone	0.164	0.178	-8.5	71	-0.01
26 T	2,2-Dichloropropane	0.954	0.769	19.4	55	0.00
27 T	cis-1,2-Dichloroethene	0.678	0.734	-8.3	72	0.00
28 T	Bromochloromethane	0.471	0.535	-13.6	79	0.00
29 T	Tetrahydrofuran	0.106	0.119	-12.3	76	-0.01
30 C	Chloroform	1.069	1.209	-13.1#	77	-0.01
31 T	Cyclohexane	1.075	0.962	10.5	64	-0.01
32 T	1,1,1-Trichloroethane	0.949	1.019	-7.4	72	-0.01
33 S	1,2-Dichloroethane-d4	0.559	0.633	-13.2	72	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	71	0.00
35 S	Dibromofluoromethane	0.298	0.332	-11.4	73	-0.01
36 T	1,1-Dichloropropene	0.484	0.475	1.9	69	-0.01
37 T	Ethyl Acetate	0.216	0.232	-7.4	72	-0.01
38 T	Carbon Tetrachloride	0.497	0.495	0.4	69	-0.01
39 T	Methylcyclohexane	0.651	0.609	6.5	66	-0.01
40 TM	Benzene	1.431	1.524	-6.5	75	-0.01
41 T	Methacrylonitrile	0.126	0.129	-2.4	74	-0.02
42 TM	1,2-Dichloroethane	0.391	0.419	-7.2	76	-0.01
43 T	Isopropyl Acetate	0.467	0.485	-3.9	72	0.00
44 TM	Trichloroethene	0.350	0.364	-4.0	73	0.00
45 C	1,2-Dichloropropane	0.338	0.359	-6.2#	74	0.00
46 T	Dibromomethane	0.190	0.210	-10.5	77	0.00
47 T	Bromodichloromethane	0.482	0.534	-10.8	77	0.00
48 T	Methyl methacrylate	0.219	0.236	-7.8	75	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	87	-0.02
50 S	Toluene-d8	1.206	1.277	-5.9	71	0.00
51 T	4-Methyl-2-Pentanone	0.233	0.259	-11.2	76	0.00
52 CM	Toluene	0.899	0.944	-5.0#	74	-0.01
53 T	t-1,3-Dichloropropene	0.452	0.454	-0.4	70	0.00
54 T	cis-1,3-Dichloropropene	0.526	0.529	-0.6	70	0.00
55 T	1,1,2-Trichloroethane	0.243	0.265	-9.1	78	0.00
56 T	Ethyl methacrylate	0.351	0.370	-5.4	72	-0.01
57 T	1,3-Dichloropropane	0.430	0.462	-7.4	75	0.00
58 T	2-Chloroethyl Vinyl ether	0.159	0.181	-13.8	81	0.00
59 T	2-Hexanone	0.156	0.172	-10.3	75	0.00
60 T	Dibromochloromethane	0.308	0.334	-8.4	76	0.00
61 T	1,2-Dibromoethane	0.221	0.245	-10.9	78	0.00
62 S	4-Bromofluorobenzene	0.359	0.383	-6.7	73	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	73	0.00
64 T	Tetrachloroethene	0.430	0.476	-10.7	79	0.00
65 PM	Chlorobenzene	1.106	1.145	-3.5	75	0.00
66 T	1,1,1,2-Tetrachloroethane	0.373	0.389	-4.3	75	0.00
67 C	Ethyl Benzene	2.052	2.086	-1.7#	73	0.00
68 T	m/p-Xylenes	0.778	0.793	-1.9	73	0.00
69 T	o-Xylene	0.729	0.752	-3.2	75	0.00
70 T	Styrene	1.206	1.278	-6.0	75	0.00
71 P	Bromoform	0.198	0.212	-7.1	77	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	76	0.00
73 T	Isopropylbenzene	4.105	3.919	4.5	72	0.00
74 T	N-amyl acetate	1.036	1.012	2.3	72	0.00
75 P	1,1,2,2-Tetrachloroethane	0.674	0.668	0.9	75	0.00
76 T	1,2,3-Trichloropropane	0.572	0.561	1.9	68	0.00
77 T	Bromobenzene	0.866	0.861	0.6	76	0.00
78 T	n-propylbenzene	5.014	4.808	4.1	72	0.00
79 T	2-Chlorotoluene	2.657	2.611	1.7	75	0.00
80 T	1,3,5-Trimethylbenzene	3.223	3.120	3.2	73	0.00
81 T	trans-1,4-Dichloro-2-butene	0.237	0.194	18.1	63	0.00
82 T	4-Chlorotoluene	2.741	2.592	5.4	71	0.00
83 T	tert-Butylbenzene	2.893	2.786	3.7	73	0.00
84 T	1,2,4-Trimethylbenzene	3.223	3.177	1.4	75	0.00
85 T	sec-Butylbenzene	4.430	4.253	4.0	73	0.00
86 T	p-Isopropyltoluene	3.652	3.507	4.0	73	0.00
87 T	1,3-Dichlorobenzene	1.755	1.739	0.9	77	0.00
88 T	1,4-Dichlorobenzene	1.702	1.688	0.8	76	0.00
89 T	n-Butylbenzene	3.464	3.356	3.1	73	0.00
90 T	Hexachloroethane	0.711	0.701	1.4	75	0.00
91 T	1,2-Dichlorobenzene	1.490	1.526	-2.4	77	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.098	0.110	-12.2	80	0.00
93 T	1,2,4-Trichlorobenzene	0.813	0.822	-1.1	77	0.00
94 T	Hexachlorobutadiene	0.449	0.450	-0.2	77	0.00
95 T	Naphthalene	1.560	1.713	-9.8	81	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.697	0.726	-4.2	79	0.00

(#) = Out of Range

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