

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062025\
 Data File : VY022774.D
 Acq On : 20 Jun 2025 19:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 21 02:44:41 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	57	0.00
2 T	Dichlorodifluoromethane	0.448	0.396	11.6	54	0.00
3 P	Chloromethane	1.322	1.316	0.5	61	0.00
4 C	Vinyl Chloride	1.534	1.599	-4.2#	61	0.00
5 T	Bromomethane	1.470	1.268	13.7	58	0.00
6 T	Chloroethane	1.053	1.097	-4.2	65	0.00
7 T	Trichlorofluoromethane	1.302	1.283	1.5	60	0.00
8 T	Diethyl Ether	0.293	0.319	-8.9	62	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.549	0.585	-6.6	62	0.00
10 T	Methyl Iodide	0.594	0.696	-17.2	61	0.00
11 T	Tert butyl alcohol	0.040	0.038	5.0	54	-0.01
12 CM	1,1-Dichloroethene	0.524	0.570	-8.8#	62	-0.01
13 T	Acrolein	0.050	0.012	76.0#	14#	0.00
14 T	Allyl chloride	0.823	0.845	-2.7	59	0.00
15 T	Acrylonitrile	0.124	0.139	-12.1	63	0.00
16 T	Acetone	0.114	0.100	12.3	49#	0.00
17 T	Carbon Disulfide	1.679	1.628	3.0	56	0.00
18 T	Methyl Acetate	0.336	0.441	-31.2#	75	-0.01
19 T	Methyl tert-butyl Ether	1.477	1.616	-9.4	62	0.00
20 T	Methylene Chloride	0.645	0.699	-8.4	69	0.00
21 T	trans-1,2-Dichloroethene	0.587	0.657	-11.9	65	-0.01
22 T	Diisopropyl ether	1.832	2.014	-9.9	63	0.00
23 T	Vinyl Acetate	1.084	1.097	-1.2	57	-0.01
24 P	1,1-Dichloroethane	1.079	1.268	-17.5	68	0.00
25 T	2-Butanone	0.164	0.167	-1.8	56	0.00
26 T	2,2-Dichloropropane	0.954	1.022	-7.1	61	0.00
27 T	cis-1,2-Dichloroethene	0.678	0.791	-16.7	66	0.00
28 T	Bromochloromethane	0.471	0.525	-11.5	66	0.00
29 T	Tetrahydrofuran	0.106	0.109	-2.8	59	0.00
30 C	Chloroform	1.069	1.272	-19.0#	68	0.00
31 T	Cyclohexane	1.075	1.015	5.6	57	0.00
32 T	1,1,1-Trichloroethane	0.949	1.077	-13.5	64	0.00
33 S	1,2-Dichloroethane-d4	0.559	0.634	-13.4	61	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	61	0.00
35 S	Dibromofluoromethane	0.298	0.332	-11.4	63	0.00
36 T	1,1-Dichloropropene	0.484	0.503	-3.9	63	0.00
37 T	Ethyl Acetate	0.216	0.216	0.0	58	0.00
38 T	Carbon Tetrachloride	0.497	0.519	-4.4	63	0.00
39 T	Methylcyclohexane	0.651	0.620	4.8	58	0.00
40 TM	Benzene	1.431	1.560	-9.0	66	0.00
41 T	Methacrylonitrile	0.126	0.107	15.1	53	-0.02
42 TM	1,2-Dichloroethane	0.391	0.421	-7.7	66	0.00
43 T	Isopropyl Acetate	0.467	0.455	2.6	58	0.00
44 TM	Trichloroethene	0.350	0.388	-10.9	67	0.00
45 C	1,2-Dichloropropane	0.338	0.379	-12.1#	68	0.00
46 T	Dibromomethane	0.190	0.211	-11.1	67	0.00
47 T	Bromodichloromethane	0.482	0.544	-12.9	68	0.00
48 T	Methyl methacrylate	0.219	0.203	7.3	56	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	55	-0.01
50 S	Toluene-d8	1.206	1.298	-7.6	62	0.00
51 T	4-Methyl-2-Pentanone	0.233	0.242	-3.9	61	0.00
52 CM	Toluene	0.899	0.980	-9.0#	67	0.00
53 T	t-1,3-Dichloropropene	0.452	0.479	-6.0	64	0.00
54 T	cis-1,3-Dichloropropene	0.526	0.562	-6.8	64	0.00
55 T	1,1,2-Trichloroethane	0.243	0.270	-11.1	68	0.00
56 T	Ethyl methacrylate	0.351	0.367	-4.6	62	0.00
57 T	1,3-Dichloropropane	0.430	0.465	-8.1	66	0.00
58 T	2-Chloroethyl Vinyl ether	0.159	0.183	-15.1	70	0.00
59 T	2-Hexanone	0.156	0.154	1.3	58	0.00
60 T	Dibromochloromethane	0.308	0.337	-9.4	66	0.00
61 T	1,2-Dibromoethane	0.221	0.246	-11.3	68	0.00
62 S	4-Bromofluorobenzene	0.359	0.379	-5.6	63	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	62	0.00
64 T	Tetrachloroethene	0.430	0.516	-20.0	73	0.00
65 PM	Chlorobenzene	1.106	1.207	-9.1	67	0.00
66 T	1,1,1,2-Tetrachloroethane	0.373	0.409	-9.7	67	0.00
67 C	Ethyl Benzene	2.052	2.189	-6.7#	65	0.00
68 T	m/p-Xylenes	0.778	0.837	-7.6	66	0.00
69 T	o-Xylene	0.729	0.783	-7.4	66	0.00
70 T	Styrene	1.206	1.303	-8.0	65	0.00
71 P	Bromoform	0.198	0.208	-5.1	64	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	61	0.00
73 T	Isopropylbenzene	4.105	4.392	-7.0	65	0.00
74 T	N-amyl acetate	1.036	1.012	2.3	58	0.00
75 P	1,1,2,2-Tetrachloroethane	0.674	0.677	-0.4	61	0.00
76 T	1,2,3-Trichloropropane	0.572	0.520	9.1	51	0.00
77 T	Bromobenzene	0.866	0.921	-6.4	65	0.00
78 T	n-propylbenzene	5.014	5.341	-6.5	65	0.00
79 T	2-Chlorotoluene	2.657	2.850	-7.3	65	0.00
80 T	1,3,5-Trimethylbenzene	3.223	3.469	-7.6	65	0.00
81 T	trans-1,4-Dichloro-2-butene	0.237	0.224	5.5	59	0.00
82 T	4-Chlorotoluene	2.741	2.863	-4.5	63	0.00
83 T	tert-Butylbenzene	2.893	3.171	-9.6	67	0.00
84 T	1,2,4-Trimethylbenzene	3.223	3.416	-6.0	65	0.00
85 T	sec-Butylbenzene	4.430	4.737	-6.9	65	0.00
86 T	p-Isopropyltoluene	3.652	3.914	-7.2	66	0.00
87 T	1,3-Dichlorobenzene	1.755	1.877	-7.0	67	0.00
88 T	1,4-Dichlorobenzene	1.702	1.823	-7.1	66	0.00
89 T	n-Butylbenzene	3.464	3.673	-6.0	64	0.00
90 T	Hexachloroethane	0.711	0.777	-9.3	67	0.00
91 T	1,2-Dichlorobenzene	1.490	1.616	-8.5	66	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.098	0.100	-2.0	58	0.00
93 T	1,2,4-Trichlorobenzene	0.813	0.848	-4.3	64	0.00
94 T	Hexachlorobutadiene	0.449	0.475	-5.8	65	0.00
95 T	Naphthalene	1.560	1.634	-4.7	62	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.697	0.737	-5.7	65	0.00

(#) = Out of Range

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