

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061225\
 Data File : VY022680.D
 Acq On : 12 Jun 2025 18:05
 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 13 05:44:10 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	65	-0.01
2 T	Dichlorodifluoromethane	0.448	0.386	13.8	61	0.00
3 P	Chloromethane	1.322	1.367	-3.4	72	0.00
4 C	Vinyl Chloride	1.534	2.039	-32.9#	89	0.00
5 T	Bromomethane	1.470	1.632	-11.0	86	-0.01
6 T	Chloroethane	1.053	1.471	-39.7#	100	-0.01
7 T	Trichlorofluoromethane	1.302	1.992	-53.0#	106	-0.02
8 T	Diethyl Ether	0.293	0.318	-8.5	71	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.549	0.540	1.6	66	-0.01
10 T	Methyl Iodide	0.594	0.567	4.5	57	-0.01
11 T	Tert butyl alcohol	0.040	0.045	-12.5	74	-0.02
12 CM	1,1-Dichloroethene	0.524	0.531	-1.3#	67	-0.02
13 T	Acrolein	0.050	0.022	56.0#	30#	-0.02
14 T	Allyl chloride	0.823	0.761	7.5	62	-0.02
15 T	Acrylonitrile	0.124	0.135	-8.9	70	-0.01
16 T	Acetone	0.114	0.102	10.5	58	-0.02
17 T	Carbon Disulfide	1.679	1.574	6.3	62	-0.02
18 T	Methyl Acetate	0.336	0.373	-11.0	73	-0.02
19 T	Methyl tert-butyl Ether	1.477	1.574	-6.6	70	-0.02
20 T	Methylene Chloride	0.645	0.652	-1.1	74	-0.02
21 T	trans-1,2-Dichloroethene	0.587	0.607	-3.4	69	-0.02
22 T	Diisopropyl ether	1.832	1.847	-0.8	66	-0.01
23 T	Vinyl Acetate	1.084	1.099	-1.4	66	-0.02
24 P	1,1-Dichloroethane	1.079	1.137	-5.4	70	-0.02
25 T	2-Butanone	0.164	0.169	-3.0	66	-0.01
26 T	2,2-Dichloropropane	0.954	0.846	11.3	58	-0.02
27 T	cis-1,2-Dichloroethene	0.678	0.743	-9.6	71	-0.01
28 T	Bromochloromethane	0.471	0.494	-4.9	71	-0.01
29 T	Tetrahydrofuran	0.106	0.114	-7.5	71	-0.01
30 C	Chloroform	1.069	1.178	-10.2#	73	-0.01
31 T	Cyclohexane	1.075	0.944	12.2	61	-0.01
32 T	1,1,1-Trichloroethane	0.949	1.003	-5.7	69	-0.01
33 S	1,2-Dichloroethane-d4	0.559	0.581	-3.9	64	-0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	67	0.00
35 S	Dibromofluoromethane	0.298	0.321	-7.7	67	-0.01
36 T	1,1-Dichloropropene	0.484	0.480	0.8	66	-0.01
37 T	Ethyl Acetate	0.216	0.225	-4.2	66	-0.01
38 T	Carbon Tetrachloride	0.497	0.508	-2.2	67	-0.01
39 T	Methylcyclohexane	0.651	0.609	6.5	62	-0.01
40 TM	Benzene	1.431	1.511	-5.6	70	-0.01
41 T	Methacrylonitrile	0.126	0.131	-4.0	70	-0.01
42 TM	1,2-Dichloroethane	0.391	0.420	-7.4	72	-0.01
43 T	Isopropyl Acetate	0.467	0.488	-4.5	68	0.00
44 TM	Trichloroethene	0.350	0.383	-9.4	72	0.00
45 C	1,2-Dichloropropane	0.338	0.367	-8.6#	72	-0.01
46 T	Dibromomethane	0.190	0.204	-7.4	71	0.00
47 T	Bromodichloromethane	0.482	0.529	-9.8	72	0.00
48 T	Methyl methacrylate	0.219	0.218	0.5	66	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	79	-0.02
50 S	Toluene-d8	1.206	1.236	-2.5	65	0.00
51 T	4-Methyl-2-Pentanone	0.233	0.256	-9.9	71	0.00
52 CM	Toluene	0.899	0.958	-6.6#	71	-0.01
53 T	t-1,3-Dichloropropene	0.452	0.468	-3.5	68	0.00
54 T	cis-1,3-Dichloropropene	0.526	0.549	-4.4	69	0.00
55 T	1,1,2-Trichloroethane	0.243	0.272	-11.9	75	0.00
56 T	Ethyl methacrylate	0.351	0.379	-8.0	70	-0.01
57 T	1,3-Dichloropropane	0.430	0.475	-10.5	73	0.00
58 T	2-Chloroethyl Vinyl ether	0.159	0.181	-13.8	76	0.00
59 T	2-Hexanone	0.156	0.168	-7.7	70	0.00
60 T	Dibromochloromethane	0.308	0.341	-10.7	73	0.00
61 T	1,2-Dibromoethane	0.221	0.250	-13.1	75	0.00
62 S	4-Bromofluorobenzene	0.359	0.365	-1.7	66	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	69	0.00
64 T	Tetrachloroethene	0.430	0.526	-22.3	83	-0.01
65 PM	Chlorobenzene	1.106	1.163	-5.2	72	0.00
66 T	1,1,1,2-Tetrachloroethane	0.373	0.398	-6.7	72	0.00
67 C	Ethyl Benzene	2.052	2.106	-2.6#	70	0.00
68 T	m/p-Xylenes	0.778	0.801	-3.0	70	-0.01
69 T	o-Xylene	0.729	0.759	-4.1	71	0.00
70 T	Styrene	1.206	1.287	-6.7	72	0.00
71 P	Bromoform	0.198	0.216	-9.1	74	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	72	0.00
73 T	Isopropylbenzene	4.105	3.992	2.8	70	0.00
74 T	N-amyl acetate	1.036	1.048	-1.2	71	0.00
75 P	1,1,2,2-Tetrachloroethane	0.674	0.649	3.7	69	0.00
76 T	1,2,3-Trichloropropane	0.572	0.542	5.2	62	0.00
77 T	Bromobenzene	0.866	0.858	0.9	72	-0.01
78 T	n-propylbenzene	5.014	4.803	4.2	69	0.00
79 T	2-Chlorotoluene	2.657	2.587	2.6	70	0.00
80 T	1,3,5-Trimethylbenzene	3.223	3.142	2.5	70	0.00
81 T	trans-1,4-Dichloro-2-butene	0.237	0.208	12.2	64	0.00
82 T	4-Chlorotoluene	2.741	2.698	1.6	70	0.00
83 T	tert-Butylbenzene	2.893	2.826	2.3	71	0.00
84 T	1,2,4-Trimethylbenzene	3.223	3.158	2.0	71	0.00
85 T	sec-Butylbenzene	4.430	4.273	3.5	69	0.00
86 T	p-Isopropyltoluene	3.652	3.567	2.3	71	0.00
87 T	1,3-Dichlorobenzene	1.755	1.762	-0.4	74	-0.01
88 T	1,4-Dichlorobenzene	1.702	1.683	1.1	72	-0.01
89 T	n-Butylbenzene	3.464	3.363	2.9	69	-0.01
90 T	Hexachloroethane	0.711	0.717	-0.8	73	-0.01
91 T	1,2-Dichlorobenzene	1.490	1.532	-2.8	73	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.098	0.109	-11.2	75	0.00
93 T	1,2,4-Trichlorobenzene	0.813	0.848	-4.3	75	0.00
94 T	Hexachlorobutadiene	0.449	0.450	-0.2	73	0.00
95 T	Naphthalene	1.560	1.725	-10.6	77	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.697	0.748	-7.3	77	0.00

(#) = Out of Range

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