

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061325\
 Data File : VY022693.D
 Acq On : 13 Jun 2025 13:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 14 02:04:59 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	0.00
2 T	Dichlorodifluoromethane	0.448	0.394	12.1	62	0.00
3 P	Chloromethane	1.322	1.203	9.0	64	0.00
4 C	Vinyl Chloride	1.534	1.808	-17.9#	79	0.00
5 T	Bromomethane	1.470	1.419	3.5	74	0.00
6 T	Chloroethane	1.053	1.335	-26.8#	90	-0.01
7 T	Trichlorofluoromethane	1.302	1.671	-28.3#	89	-0.01
8 T	Diethyl Ether	0.293	0.319	-8.9	71	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.549	0.554	-0.9	67	-0.01
10 T	Methyl Iodide	0.594	0.610	-2.7	62	0.00
11 T	Tert butyl alcohol	0.040	0.043	-7.5	71	-0.02
12 CM	1,1-Dichloroethene	0.524	0.532	-1.5#	67	-0.01
13 T	Acrolein	0.050	0.021	58.0#	29#	-0.01
14 T	Allyl chloride	0.823	0.799	2.9	64	-0.02
15 T	Acrylonitrile	0.124	0.136	-9.7	70	-0.02
16 T	Acetone	0.114	0.103	9.6	58	-0.01
17 T	Carbon Disulfide	1.679	1.629	3.0	64	-0.01
18 T	Methyl Acetate	0.336	0.381	-13.4	75	-0.02
19 T	Methyl tert-butyl Ether	1.477	1.575	-6.6	70	-0.02
20 T	Methylene Chloride	0.645	0.719	-11.5	81	-0.02
21 T	trans-1,2-Dichloroethene	0.587	0.617	-5.1	70	-0.02
22 T	Diisopropyl ether	1.832	1.910	-4.3	68	0.00
23 T	Vinyl Acetate	1.084	1.101	-1.6	66	-0.01
24 P	1,1-Dichloroethane	1.079	1.169	-8.3	72	-0.01
25 T	2-Butanone	0.164	0.168	-2.4	65	-0.01
26 T	2,2-Dichloropropane	0.954	0.975	-2.2	67	0.00
27 T	cis-1,2-Dichloroethene	0.678	0.752	-10.9	72	-0.01
28 T	Bromochloromethane	0.471	0.514	-9.1	74	0.00
29 T	Tetrahydrofuran	0.106	0.109	-2.8	68	-0.01
30 C	Chloroform	1.069	1.208	-13.0#	74	-0.01
31 T	Cyclohexane	1.075	0.958	10.9	61	-0.01
32 T	1,1,1-Trichloroethane	0.949	1.023	-7.8	70	0.00
33 S	1,2-Dichloroethane-d4	0.559	0.625	-11.8	69	-0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	66	0.00
35 S	Dibromofluoromethane	0.298	0.332	-11.4	69	-0.01
36 T	1,1-Dichloropropene	0.484	0.494	-2.1	67	0.00
37 T	Ethyl Acetate	0.216	0.223	-3.2	64	-0.01
38 T	Carbon Tetrachloride	0.497	0.519	-4.4	68	-0.01
39 T	Methylcyclohexane	0.651	0.625	4.0	63	-0.01
40 TM	Benzene	1.431	1.573	-9.9	72	-0.01
41 T	Methacrylonitrile	0.126	0.124	1.6	66	-0.01
42 TM	1,2-Dichloroethane	0.391	0.426	-9.0	72	-0.01
43 T	Isopropyl Acetate	0.467	0.489	-4.7	68	0.00
44 TM	Trichloroethene	0.350	0.381	-8.9	71	0.00
45 C	1,2-Dichloropropane	0.338	0.375	-10.9#	72	0.00
46 T	Dibromomethane	0.190	0.214	-12.6	74	0.00
47 T	Bromodichloromethane	0.482	0.540	-12.0	73	0.00
48 T	Methyl methacrylate	0.219	0.223	-1.8	67	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	-0.02
50 S	Toluene-d8	1.206	1.336	-10.8	69	0.00
51 T	4-Methyl-2-Pentanone	0.233	0.253	-8.6	69	0.00
52 CM	Toluene	0.899	0.990	-10.1#	73	-0.01
53 T	t-1,3-Dichloropropene	0.452	0.474	-4.9	68	0.00
54 T	cis-1,3-Dichloropropene	0.526	0.563	-7.0	69	0.00
55 T	1,1,2-Trichloroethane	0.243	0.274	-12.8	75	0.00
56 T	Ethyl methacrylate	0.351	0.380	-8.3	69	0.00
57 T	1,3-Dichloropropane	0.430	0.473	-10.0	72	0.00
58 T	2-Chloroethyl Vinyl ether	0.159	0.163	-2.5	68	0.00
59 T	2-Hexanone	0.156	0.168	-7.7	69	0.00
60 T	Dibromochloromethane	0.308	0.343	-11.4	72	0.00
61 T	1,2-Dibromoethane	0.221	0.247	-11.8	74	0.00
62 S	4-Bromofluorobenzene	0.359	0.396	-10.3	71	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	69	0.00
64 T	Tetrachloroethene	0.430	0.529	-23.0	83	0.00
65 PM	Chlorobenzene	1.106	1.195	-8.0	73	0.00
66 T	1,1,1,2-Tetrachloroethane	0.373	0.403	-8.0	73	0.00
67 C	Ethyl Benzene	2.052	2.164	-5.5#	71	0.00
68 T	m/p-Xylenes	0.778	0.820	-5.4	72	0.00
69 T	o-Xylene	0.729	0.788	-8.1	74	0.00
70 T	Styrene	1.206	1.311	-8.7	73	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	71	0.00
73 T	Isopropylbenzene	4.105	4.150	-1.1	71	0.00
74 T	N-amyl acetate	1.036	1.042	-0.6	69	0.00
75 P	1,1,2,2-Tetrachloroethane	0.674	0.644	4.5	67	0.00
76 T	1,2,3-Trichloropropane	0.572	0.462	19.2	52	0.00
77 T	Bromobenzene	0.866	0.902	-4.2	73	0.00
78 T	n-propylbenzene	5.014	5.079	-1.3	71	0.00
79 T	2-Chlorotoluene	2.657	2.720	-2.4	72	0.00
80 T	1,3,5-Trimethylbenzene	3.223	3.343	-3.7	72	0.00
81 T	trans-1,4-Dichloro-2-butene	0.237	0.217	8.4	66	0.00
82 T	4-Chlorotoluene	2.741	2.758	-0.6	70	0.00
83 T	tert-Butylbenzene	2.893	2.924	-1.1	71	0.00
84 T	1,2,4-Trimethylbenzene	3.223	3.376	-4.7	74	0.00
85 T	sec-Butylbenzene	4.430	4.484	-1.2	71	0.00
86 T	p-Isopropyltoluene	3.652	3.732	-2.2	72	0.00
87 T	1,3-Dichlorobenzene	1.755	1.860	-6.0	76	0.00
88 T	1,4-Dichlorobenzene	1.702	1.817	-6.8	75	0.00
89 T	n-Butylbenzene	3.464	3.605	-4.1	72	0.00
90 T	Hexachloroethane	0.711	0.729	-2.5	72	0.00
91 T	1,2-Dichlorobenzene	1.490	1.589	-6.6	74	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.098	0.105	-7.1	70	0.00
93 T	1,2,4-Trichlorobenzene	0.813	0.895	-10.1	77	0.00
94 T	Hexachlorobutadiene	0.449	0.475	-5.8	75	0.00
95 T	Naphthalene	1.560	1.706	-9.4	74	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.697	0.778	-11.6	79	0.00

(#) = Out of Range

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