

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051325\
 Data File : VY022251.D
 Acq On : 13 May 2025 18:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 14 04:37:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 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	61	0.00
2 T	Dichlorodifluoromethane	0.426	0.349	18.1	55	0.00
3 P	Chloromethane	0.607	0.639	-5.3	65	0.00
4 C	Vinyl Chloride	0.745	0.792	-6.3#	67	0.00
5 T	Bromomethane	0.642	0.628	2.2	65	0.00
6 T	Chloroethane	0.508	0.555	-9.3	69	0.00
7 T	Trichlorofluoromethane	0.983	0.978	0.5	63	0.00
8 T	Diethyl Ether	0.256	0.244	4.7	60	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.533	0.529	0.8	66	0.00
10 T	Methyl Iodide	0.617	0.592	4.1	58	0.00
11 T	Tert butyl alcohol	0.025	0.027	-8.0	63	0.00
12 CM	1,1-Dichloroethene	0.497	0.463	6.8#	60	0.00
13 T	Acrolein	0.046	0.009	80.4#	13#	0.00
14 T	Allyl chloride	0.579	0.589	-1.7	65	0.00
15 T	Acrylonitrile	0.094	0.104	-10.6	69	0.00
16 T	Acetone	0.070	0.070	0.0	68	0.00
17 T	Carbon Disulfide	1.585	1.426	10.0	59	0.00
18 T	Methyl Acetate	0.216	0.325	-50.5#	89	0.00
19 T	Methyl tert-butyl Ether	1.113	1.182	-6.2	64	0.00
20 T	Methylene Chloride	0.584	0.572	2.1	66	0.00
21 T	trans-1,2-Dichloroethene	0.557	0.549	1.4	63	0.00
22 T	Diisopropyl ether	1.288	1.475	-14.5	70	0.00
23 T	Vinyl Acetate	0.694	0.739	-6.5	63	0.00
24 P	1,1-Dichloroethane	0.893	0.951	-6.5	68	0.00
25 T	2-Butanone	0.105	0.119	-13.3	69	0.00
26 T	2,2-Dichloropropane	0.782	0.786	-0.5	65	0.00
27 T	cis-1,2-Dichloroethene	0.622	0.652	-4.8	65	0.00
28 T	Bromochloromethane	0.347	0.398	-14.7	71	0.00
29 T	Tetrahydrofuran	0.068	0.081	-19.1	68	0.00
30 C	Chloroform	0.990	1.079	-9.0#	69	0.00
31 T	Cyclohexane	0.763	0.748	2.0	65	0.00
32 T	1,1,1-Trichloroethane	0.896	0.946	-5.6	68	0.00
33 S	1,2-Dichloroethane-d4	0.462	0.472	-2.2	62	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	58	0.00
35 S	Dibromofluoromethane	0.330	0.353	-7.0	62	0.00
36 T	1,1-Dichloropropene	0.444	0.491	-10.6	67	0.00
37 T	Ethyl Acetate	0.159	0.190	-19.5	68	0.00
38 T	Carbon Tetrachloride	0.530	0.590	-11.3	67	0.00
39 T	Methylcyclohexane	0.558	0.592	-6.1	63	0.00
40 TM	Benzene	1.387	1.573	-13.4	68	0.00
41 T	Methacrylonitrile	0.087	0.095	-9.2	60	-0.01
42 TM	1,2-Dichloroethane	0.343	0.404	-17.8	70	0.00
43 T	Isopropyl Acetate	0.306	0.365	-19.3	68	0.00
44 TM	Trichloroethene	0.384	0.415	-8.1	66	0.00
45 C	1,2-Dichloropropane	0.307	0.362	-17.9#	70	0.00
46 T	Dibromomethane	0.192	0.224	-16.7	69	0.00
47 T	Bromodichloromethane	0.480	0.574	-19.6	71	0.00
48 T	Methyl methacrylate	0.141	0.177	-25.5#	68	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	69	0.00
50 S	Toluene-d8	1.245	1.349	-8.4	61	0.00
51 T	4-Methyl-2-Pentanone	0.160	0.213	-33.1#	72	0.00
52 CM	Toluene	0.898	1.041	-15.9#	68	0.00
53 T	t-1,3-Dichloropropene	0.411	0.479	-16.5	67	0.00
54 T	cis-1,3-Dichloropropene	0.489	0.564	-15.3	68	0.00
55 T	1,1,2-Trichloroethane	0.256	0.312	-21.9	71	0.00
56 T	Ethyl methacrylate	0.293	0.352	-20.1	65	0.00
57 T	1,3-Dichloropropane	0.411	0.492	-19.7	70	0.00
58 T	2-Chloroethyl Vinyl ether	0.143	0.183	-28.0#	66	0.00
59 T	2-Hexanone	0.106	0.140	-32.1#	71	0.00
60 T	Dibromochloromethane	0.355	0.422	-18.9	70	0.00
61 T	1,2-Dibromoethane	0.242	0.288	-19.0	69	0.00
62 S	4-Bromofluorobenzene	0.419	0.464	-10.7	63	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	60	0.00
64 T	Tetrachloroethene	0.472	0.504	-6.8	67	0.00
65 PM	Chlorobenzene	1.118	1.211	-8.3	68	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.436	-10.7	68	0.00
67 C	Ethyl Benzene	1.829	2.034	-11.2#	67	0.00
68 T	m/p-Xylenes	0.728	0.827	-13.6	68	0.00
69 T	o-Xylene	0.671	0.771	-14.9	68	0.00
70 T	Styrene	1.126	1.321	-17.3	68	0.00
71 P	Bromoform	0.229	0.263	-14.8	69	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	64	0.00
73 T	Isopropylbenzene	3.341	3.517	-5.3	68	0.00
74 T	N-amyl acetate	0.574	0.622	-8.4	68	0.00
75 P	1,1,2,2-Tetrachloroethane	0.563	0.617	-9.6	72	0.00
76 T	1,2,3-Trichloropropane	0.428	0.444	-3.7	71	0.00
77 T	Bromobenzene	0.844	0.868	-2.8	68	0.00
78 T	n-propylbenzene	3.978	4.298	-8.0	70	0.00
79 T	2-Chlorotoluene	2.314	2.485	-7.4	70	0.00
80 T	1,3,5-Trimethylbenzene	2.752	2.965	-7.7	68	0.00
81 T	trans-1,4-Dichloro-2-butene	0.178	0.192	-7.9	70	0.00
82 T	4-Chlorotoluene	2.405	2.569	-6.8	70	0.00
83 T	tert-Butylbenzene	2.468	2.675	-8.4	69	0.00
84 T	1,2,4-Trimethylbenzene	2.753	2.982	-8.3	69	0.00
85 T	sec-Butylbenzene	3.612	3.926	-8.7	70	0.00
86 T	p-Isopropyltoluene	3.067	3.348	-9.2	70	0.00
87 T	1,3-Dichlorobenzene	1.714	1.804	-5.3	71	0.00
88 T	1,4-Dichlorobenzene	1.698	1.768	-4.1	70	0.00
89 T	n-Butylbenzene	2.742	2.939	-7.2	69	0.00
90 T	Hexachloroethane	0.674	0.719	-6.7	73	0.00
91 T	1,2-Dichlorobenzene	1.495	1.594	-6.6	71	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.090	0.099	-10.0	76	0.00
93 T	1,2,4-Trichlorobenzene	0.847	0.884	-4.4	69	0.00
94 T	Hexachlorobutadiene	0.521	0.538	-3.3	72	0.00
95 T	Naphthalene	1.408	1.535	-9.0	69	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.731	0.775	-6.0	71	0.00

(#) = Out of Range

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