

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052925\
 Data File : VY022470.D
 Acq On : 29 May 2025 17:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 30 05:36:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 10:34:06 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	76	0.00
2 T	Dichlorodifluoromethane	0.477	0.444	6.9	80	0.00
3 P	Chloromethane	1.173	1.431	-22.0	91	0.00
4 C	Vinyl Chloride	1.425	1.715	-20.4#	90	0.00
5 T	Bromomethane	1.295	1.367	-5.6	82	0.00
6 T	Chloroethane	0.931	1.140	-22.4	86	0.00
7 T	Trichlorofluoromethane	1.203	1.309	-8.8	84	0.00
8 T	Diethyl Ether	0.277	0.307	-10.8	85	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.528	0.551	-4.4	81	0.00
10 T	Methyl Iodide	0.595	0.683	-14.8	81	0.00
11 T	Tert butyl alcohol	0.037	0.042	-13.5	89	0.00
12 CM	1,1-Dichloroethene	0.524	0.549	-4.8#	82	0.00
13 T	Acrolein	0.056	0.048	14.3	65	0.00
14 T	Allyl chloride	0.788	0.855	-8.5	83	0.00
15 T	Acrylonitrile	0.112	0.131	-17.0	89	0.00
16 T	Acetone	0.087	0.097	-11.5	87	0.00
17 T	Carbon Disulfide	1.672	1.749	-4.6	81	0.00
18 T	Methyl Acetate	0.324	0.389	-20.1	96	0.00
19 T	Methyl tert-butyl Ether	1.391	1.564	-12.4	86	0.00
20 T	Methylene Chloride	0.611	0.614	-0.5	85	0.00
21 T	trans-1,2-Dichloroethene	0.572	0.618	-8.0	84	0.00
22 T	Diisopropyl ether	1.739	1.907	-9.7	84	0.00
23 T	Vinyl Acetate	0.999	1.101	-10.2	84	0.00
24 P	1,1-Dichloroethane	1.028	1.139	-10.8	85	0.00
25 T	2-Butanone	0.144	0.163	-13.2	88	0.00
26 T	2,2-Dichloropropane	0.931	0.958	-2.9	79	0.00
27 T	cis-1,2-Dichloroethene	0.662	0.737	-11.3	86	0.00
28 T	Bromochloromethane	0.429	0.482	-12.4	84	0.00
29 T	Tetrahydrofuran	0.096	0.111	-15.6	89	0.00
30 C	Chloroform	1.013	1.145	-13.0#	85	0.00
31 T	Cyclohexane	1.013	0.996	1.7	81	0.00
32 T	1,1,1-Trichloroethane	0.919	0.991	-7.8	83	0.00
33 S	1,2-Dichloroethane-d4	0.527	0.569	-8.0	82	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	79	0.00
35 S	Dibromofluoromethane	0.293	0.299	-2.0	82	0.00
36 T	1,1-Dichloropropene	0.465	0.482	-3.7	83	0.00
37 T	Ethyl Acetate	0.197	0.217	-10.2	86	0.00
38 T	Carbon Tetrachloride	0.484	0.499	-3.1	82	0.00
39 T	Methylcyclohexane	0.618	0.623	-0.8	81	0.00
40 TM	Benzene	1.383	1.466	-6.0	84	0.00
41 T	Methacrylonitrile	0.120	0.132	-10.0	90	-0.02
42 TM	1,2-Dichloroethane	0.365	0.405	-11.0	87	0.00
43 T	Isopropyl Acetate	0.432	0.466	-7.9	85	0.00
44 TM	Trichloroethene	0.342	0.356	-4.1	82	0.00
45 C	1,2-Dichloropropane	0.325	0.347	-6.8#	85	0.00
46 T	Dibromomethane	0.181	0.195	-7.7	85	0.00
47 T	Bromodichloromethane	0.467	0.505	-8.1	86	0.00
48 T	Methyl methacrylate	0.200	0.217	-8.5	86	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	88	0.00
50 S	Toluene-d8	1.194	1.218	-2.0	82	0.00
51 T	4-Methyl-2-Pentanone	0.213	0.242	-13.6	88	0.00
52 CM	Toluene	0.864	0.921	-6.6#	84	0.00
53 T	t-1,3-Dichloropropene	0.435	0.466	-7.1	85	0.00
54 T	cis-1,3-Dichloropropene	0.511	0.540	-5.7	84	0.00
55 T	1,1,2-Trichloroethane	0.229	0.256	-11.8	88	0.00
56 T	Ethyl methacrylate	0.329	0.358	-8.8	83	0.00
57 T	1,3-Dichloropropane	0.404	0.442	-9.4	86	0.00
58 T	2-Chloroethyl Vinyl ether	0.164	0.179	-9.1	85	0.00
59 T	2-Hexanone	0.140	0.157	-12.1	86	0.00
60 T	Dibromochloromethane	0.293	0.316	-7.8	83	0.00
61 T	1,2-Dibromoethane	0.210	0.233	-11.0	86	0.00
62 S	4-Bromofluorobenzene	0.361	0.361	0.0	81	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	79	0.00
64 T	Tetrachloroethene	0.426	0.456	-7.0	84	0.00
65 PM	Chlorobenzene	1.066	1.138	-6.8	85	0.00
66 T	1,1,1,2-Tetrachloroethane	0.361	0.384	-6.4	83	0.00
67 C	Ethyl Benzene	1.980	2.093	-5.7#	84	0.00
68 T	m/p-Xylenes	0.751	0.790	-5.2	83	0.00
69 T	o-Xylene	0.705	0.737	-4.5	83	0.00
70 T	Styrene	1.175	1.256	-6.9	83	0.00
71 P	Bromoform	0.189	0.206	-9.0	85	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	78	0.00
73 T	Isopropylbenzene	3.935	4.156	-5.6	84	0.00
74 T	N-amyl acetate	0.963	1.049	-8.9	82	0.00
75 P	1,1,2,2-Tetrachloroethane	0.620	0.673	-8.5	86	0.00
76 T	1,2,3-Trichloropropane	0.501	0.524	-4.6	84	0.00
77 T	Bromobenzene	0.847	0.878	-3.7	81	0.00
78 T	n-propylbenzene	4.723	5.015	-6.2	84	0.00
79 T	2-Chlorotoluene	2.556	2.694	-5.4	84	0.00
80 T	1,3,5-Trimethylbenzene	3.075	3.291	-7.0	84	0.00
81 T	trans-1,4-Dichloro-2-butene	0.221	0.236	-6.8	86	0.00
82 T	4-Chlorotoluene	2.633	2.786	-5.8	83	0.00
83 T	tert-Butylbenzene	2.778	2.921	-5.1	83	0.00
84 T	1,2,4-Trimethylbenzene	3.094	3.273	-5.8	82	0.00
85 T	sec-Butylbenzene	4.120	4.395	-6.7	83	0.00
86 T	p-Isopropyltoluene	3.440	3.673	-6.8	83	0.00
87 T	1,3-Dichlorobenzene	1.704	1.793	-5.2	83	0.00
88 T	1,4-Dichlorobenzene	1.629	1.706	-4.7	82	0.00
89 T	n-Butylbenzene	3.226	3.449	-6.9	81	0.00
90 T	Hexachloroethane	0.685	0.710	-3.6	81	0.00
91 T	1,2-Dichlorobenzene	1.423	1.503	-5.6	83	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.096	0.098	-2.1	83	0.00
93 T	1,2,4-Trichlorobenzene	0.789	0.812	-2.9	77	0.00
94 T	Hexachlorobutadiene	0.414	0.431	-4.1	80	0.00
95 T	Naphthalene	1.459	1.568	-7.5	79	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.647	0.673	-4.0	77	0.00

(#) = Out of Range

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