

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052925\
 Data File : VY022453.D
 Acq On : 29 May 2025 08:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 30 05:28:12 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	86	0.00
2 T	Dichlorodifluoromethane	0.477	0.443	7.1	90	0.00
3 P	Chloromethane	1.173	1.080	7.9	78	0.00
4 C	Vinyl Chloride	1.425	1.441	-1.1#	86	0.00
5 T	Bromomethane	1.295	1.134	12.4	77	0.00
6 T	Chloroethane	0.931	0.992	-6.6	84	0.00
7 T	Trichlorofluoromethane	1.203	1.195	0.7	86	0.00
8 T	Diethyl Ether	0.277	0.290	-4.7	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.528	0.543	-2.8	90	0.00
10 T	Methyl Iodide	0.595	0.657	-10.4	88	0.00
11 T	Tert butyl alcohol	0.037	0.036	2.7	88	0.00
12 CM	1,1-Dichloroethene	0.524	0.537	-2.5#	91	0.00
13 T	Acrolein	0.056	0.031	44.6#	47#	0.00
14 T	Allyl chloride	0.788	0.846	-7.4	93	0.01
15 T	Acrylonitrile	0.112	0.117	-4.5	90	0.00
16 T	Acetone	0.087	0.104	-19.5	106	0.00
17 T	Carbon Disulfide	1.672	1.727	-3.3	90	0.00
18 T	Methyl Acetate	0.324	0.357	-10.2	100	0.00
19 T	Methyl tert-butyl Ether	1.391	1.429	-2.7	89	0.00
20 T	Methylene Chloride	0.611	0.599	2.0	94	0.00
21 T	trans-1,2-Dichloroethene	0.572	0.593	-3.7	91	0.01
22 T	Diisopropyl ether	1.739	1.824	-4.9	91	0.00
23 T	Vinyl Acetate	0.999	1.021	-2.2	88	0.00
24 P	1,1-Dichloroethane	1.028	1.100	-7.0	92	0.00
25 T	2-Butanone	0.144	0.156	-8.3	95	0.00
26 T	2,2-Dichloropropane	0.931	0.987	-6.0	93	0.00
27 T	cis-1,2-Dichloroethene	0.662	0.699	-5.6	93	0.00
28 T	Bromochloromethane	0.429	0.474	-10.5	93	0.00
29 T	Tetrahydrofuran	0.096	0.099	-3.1	90	0.00
30 C	Chloroform	1.013	1.070	-5.6#	90	0.00
31 T	Cyclohexane	1.013	0.984	2.9	90	0.01
32 T	1,1,1-Trichloroethane	0.919	0.965	-5.0	91	0.00
33 S	1,2-Dichloroethane-d4	0.527	0.542	-2.8	88	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
35 S	Dibromofluoromethane	0.293	0.299	-2.0	90	0.00
36 T	1,1-Dichloropropene	0.465	0.483	-3.9	92	0.00
37 T	Ethyl Acetate	0.197	0.199	-1.0	87	0.00
38 T	Carbon Tetrachloride	0.484	0.508	-5.0	92	0.00
39 T	Methylcyclohexane	0.618	0.621	-0.5	88	0.00
40 TM	Benzene	1.383	1.457	-5.4	91	0.00
41 T	Methacrylonitrile	0.120	0.125	-4.2	93	-0.02
42 TM	1,2-Dichloroethane	0.365	0.379	-3.8	90	0.00
43 T	Isopropyl Acetate	0.432	0.435	-0.7	87	0.00
44 TM	Trichloroethene	0.342	0.351	-2.6	89	0.00
45 C	1,2-Dichloropropane	0.325	0.341	-4.9#	92	0.00
46 T	Dibromomethane	0.181	0.186	-2.8	89	0.00
47 T	Bromodichloromethane	0.467	0.486	-4.1	91	0.00
48 T	Methyl methacrylate	0.200	0.212	-6.0	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	86	0.00
50 S	Toluene-d8	1.194	1.216	-1.8	90	0.00
51 T	4-Methyl-2-Pentanone	0.213	0.219	-2.8	88	0.00
52 CM	Toluene	0.864	0.906	-4.9#	91	0.00
53 T	t-1,3-Dichloropropene	0.435	0.453	-4.1	91	0.00
54 T	cis-1,3-Dichloropropene	0.511	0.531	-3.9	91	0.00
55 T	1,1,2-Trichloroethane	0.229	0.235	-2.6	89	0.00
56 T	Ethyl methacrylate	0.329	0.334	-1.5	85	0.00
57 T	1,3-Dichloropropane	0.404	0.415	-2.7	89	0.00
58 T	2-Chloroethyl Vinyl ether	0.164	0.169	-3.0	88	0.00
59 T	2-Hexanone	0.140	0.147	-5.0	88	0.00
60 T	Dibromochloromethane	0.293	0.307	-4.8	89	0.00
61 T	1,2-Dibromoethane	0.210	0.214	-1.9	87	0.00
62 S	4-Bromofluorobenzene	0.361	0.361	0.0	89	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
64 T	Tetrachloroethene	0.426	0.446	-4.7	90	0.00
65 PM	Chlorobenzene	1.066	1.114	-4.5	91	0.00
66 T	1,1,1,2-Tetrachloroethane	0.361	0.374	-3.6	88	0.00
67 C	Ethyl Benzene	1.980	2.068	-4.4#	91	0.00
68 T	m/p-Xylenes	0.751	0.779	-3.7	89	0.00
69 T	o-Xylene	0.705	0.730	-3.5	89	0.00
70 T	Styrene	1.175	1.240	-5.5	90	0.00
71 P	Bromoform	0.189	0.192	-1.6	87	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.00
73 T	Isopropylbenzene	3.935	4.134	-5.1	91	0.00
74 T	N-amyl acetate	0.963	1.015	-5.4	86	0.00
75 P	1,1,2,2-Tetrachloroethane	0.620	0.610	1.6	84	0.00
76 T	1,2,3-Trichloropropane	0.501	0.476	5.0	82	0.00
77 T	Bromobenzene	0.847	0.866	-2.2	86	0.00
78 T	n-propylbenzene	4.723	5.026	-6.4	90	0.00
79 T	2-Chlorotoluene	2.556	2.677	-4.7	90	0.00
80 T	1,3,5-Trimethylbenzene	3.075	3.227	-4.9	89	0.00
81 T	trans-1,4-Dichloro-2-butene	0.221	0.227	-2.7	89	0.00
82 T	4-Chlorotoluene	2.633	2.752	-4.5	89	0.00
83 T	tert-Butylbenzene	2.778	2.948	-6.1	91	0.00
84 T	1,2,4-Trimethylbenzene	3.094	3.263	-5.5	89	0.00
85 T	sec-Butylbenzene	4.120	4.368	-6.0	89	0.00
86 T	p-Isopropyltoluene	3.440	3.645	-6.0	89	0.00
87 T	1,3-Dichlorobenzene	1.704	1.747	-2.5	87	0.00
88 T	1,4-Dichlorobenzene	1.629	1.697	-4.2	88	0.00
89 T	n-Butylbenzene	3.226	3.455	-7.1	88	0.00
90 T	Hexachloroethane	0.685	0.722	-5.4	89	0.00
91 T	1,2-Dichlorobenzene	1.423	1.485	-4.4	89	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.096	0.093	3.1	85	0.00
93 T	1,2,4-Trichlorobenzene	0.789	0.811	-2.8	83	0.00
94 T	Hexachlorobutadiene	0.414	0.424	-2.4	85	0.00
95 T	Naphthalene	1.459	1.517	-4.0	83	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.647	0.679	-4.9	84	0.00

(#) = Out of Range

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