

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040125\
 Data File : VY021731.D
 Acq On : 01 Apr 2025 10:13
 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: Apr 02 03:21:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 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	112	0.00
2 T	Dichlorodifluoromethane	0.518	0.503	2.9	111	0.00
3 P	Chloromethane	0.729	0.661	9.3	107	0.00
4 C	Vinyl Chloride	0.824	0.773	6.2#	108	0.00
5 T	Bromomethane	0.562	0.514	8.5	112	0.00
6 T	Chloroethane	0.539	0.495	8.2	108	0.00
7 T	Trichlorofluoromethane	1.056	1.042	1.3	115	0.00
8 T	Diethyl Ether	0.287	0.277	3.5	113	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.557	0.558	-0.2	117	0.00
10 T	Methyl Iodide	0.611	0.640	-4.7	109	0.00
11 T	Tert butyl alcohol	0.035	0.032	8.6	105	0.00
12 CM	1,1-Dichloroethene	0.524	0.526	-0.4#	115	0.00
13 T	Acrolein	0.064	0.037	42.2#	65	0.00
14 T	Allyl chloride	0.836	0.818	2.2	109	0.00
15 T	Acrylonitrile	0.120	0.114	5.0	106	-0.01
16 T	Acetone	0.111	0.089	19.8	93	0.00
17 T	Carbon Disulfide	1.727	1.673	3.1	111	0.00
18 T	Methyl Acetate	0.275	0.287	-4.4	121	0.00
19 T	Methyl tert-butyl Ether	1.306	1.321	-1.1	112	0.00
20 T	Methylene Chloride	0.626	0.569	9.1	113	0.00
21 T	trans-1,2-Dichloroethene	0.577	0.583	-1.0	115	0.00
22 T	Diisopropyl ether	1.754	1.746	0.5	109	0.00
23 T	Vinyl Acetate	1.026	1.002	2.3	105	0.00
24 P	1,1-Dichloroethane	1.049	1.041	0.8	112	0.00
25 T	2-Butanone	0.158	0.142	10.1	100	0.00
26 T	2,2-Dichloropropane	0.933	0.925	0.9	113	0.00
27 T	cis-1,2-Dichloroethene	0.649	0.669	-3.1	115	0.00
28 T	Bromochloromethane	0.442	0.402	9.0	106	0.00
29 T	Tetrahydrofuran	0.102	0.097	4.9	104	0.00
30 C	Chloroform	1.091	1.087	0.4#	113	0.00
31 T	Cyclohexane	0.956	0.916	4.2	112	0.00
32 T	1,1,1-Trichloroethane	0.986	0.985	0.1	114	0.00
33 S	1,2-Dichloroethane-d4	0.542	0.509	6.1	104	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	113	0.00
35 S	Dibromofluoromethane	0.324	0.320	1.2	107	0.00
36 T	1,1-Dichloropropene	0.494	0.501	-1.4	113	0.00
37 T	Ethyl Acetate	0.233	0.218	6.4	105	-0.01
38 T	Carbon Tetrachloride	0.566	0.583	-3.0	117	0.00
39 T	Methylcyclohexane	0.590	0.628	-6.4	114	0.00
40 TM	Benzene	1.479	1.490	-0.7	112	0.00
41 T	Methacrylonitrile	0.124	0.119	4.0	99	-0.02
42 TM	1,2-Dichloroethane	0.417	0.409	1.9	110	0.00
43 T	Isopropyl Acetate	0.442	0.430	2.7	108	0.00
44 TM	Trichloroethene	0.377	0.389	-3.2	117	0.00
45 C	1,2-Dichloropropane	0.350	0.354	-1.1#	113	0.00
46 T	Dibromomethane	0.202	0.201	0.5	115	0.00
47 T	Bromodichloromethane	0.523	0.529	-1.1	114	0.00
48 T	Methyl methacrylate	0.203	0.202	0.5	108	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	112	0.00
50 S	Toluene-d8	1.234	1.227	0.6	106	0.00
51 T	4-Methyl-2-Pentanone	0.230	0.225	2.2	106	0.00
52 CM	Toluene	0.923	0.962	-4.2#	114	0.00
53 T	t-1,3-Dichloropropene	0.465	0.479	-3.0	111	0.00
54 T	cis-1,3-Dichloropropene	0.548	0.555	-1.3	111	0.00
55 T	1,1,2-Trichloroethane	0.260	0.267	-2.7	115	0.00
56 T	Ethyl methacrylate	0.332	0.353	-6.3	109	0.00
57 T	1,3-Dichloropropane	0.449	0.453	-0.9	111	0.00
58 T	2-Chloroethyl Vinyl ether	0.162	0.169	-4.3	106	0.00
59 T	2-Hexanone	0.153	0.149	2.6	103	0.00
60 T	Dibromochloromethane	0.355	0.369	-3.9	115	0.00
61 T	1,2-Dibromoethane	0.244	0.251	-2.9	112	0.00
62 S	4-Bromofluorobenzene	0.417	0.421	-1.0	108	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
64 T	Tetrachloroethene	0.455	0.465	-2.2	116	0.00
65 PM	Chlorobenzene	1.146	1.163	-1.5	113	0.00
66 T	1,1,1,2-Tetrachloroethane	0.407	0.418	-2.7	114	0.00
67 C	Ethyl Benzene	1.965	2.068	-5.2#	113	0.00
68 T	m/p-Xylenes	0.753	0.791	-5.0	112	0.00
69 T	o-Xylene	0.695	0.744	-7.1	113	0.00
70 T	Styrene	1.158	1.265	-9.2	115	0.00
71 P	Bromoform	0.232	0.240	-3.4	113	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	111	0.00
73 T	Isopropylbenzene	3.714	3.927	-5.7	113	0.00
74 T	N-amyl acetate	0.872	0.865	0.8	104	0.00
75 P	1,1,2,2-Tetrachloroethane	0.668	0.646	3.3	109	0.00
76 T	1,2,3-Trichloropropane	0.496	0.491	1.0	109	0.00
77 T	Bromobenzene	0.892	0.911	-2.1	113	0.00
78 T	n-propylbenzene	4.465	4.720	-5.7	113	0.00
79 T	2-Chlorotoluene	2.593	2.684	-3.5	112	0.00
80 T	1,3,5-Trimethylbenzene	3.035	3.222	-6.2	113	0.00
81 T	trans-1,4-Dichloro-2-butene	0.215	0.216	-0.5	108	0.00
82 T	4-Chlorotoluene	2.704	2.768	-2.4	111	0.00
83 T	tert-Butylbenzene	2.703	2.873	-6.3	114	0.00
84 T	1,2,4-Trimethylbenzene	3.000	3.168	-5.6	112	0.00
85 T	sec-Butylbenzene	3.951	4.192	-6.1	113	0.00
86 T	p-Isopropyltoluene	3.265	3.517	-7.7	113	0.00
87 T	1,3-Dichlorobenzene	1.757	1.808	-2.9	114	0.00
88 T	1,4-Dichlorobenzene	1.736	1.750	-0.8	111	0.00
89 T	n-Butylbenzene	3.020	3.232	-7.0	113	0.00
90 T	Hexachloroethane	0.716	0.721	-0.7	113	0.00
91 T	1,2-Dichlorobenzene	1.529	1.568	-2.6	114	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.103	0.099	3.9	108	0.00
93 T	1,2,4-Trichlorobenzene	0.829	0.905	-9.2	114	0.00
94 T	Hexachlorobutadiene	0.518	0.549	-6.0	116	0.00
95 T	Naphthalene	1.375	1.517	-10.3	111	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.707	0.756	-6.9	112	0.00

(#) = Out of Range

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