

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012325\
 Data File : VY020906.D
 Acq On : 23 Jan 2025 09:28
 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: Jan 24 00:14:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 00:38:42 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	138	0.00
2 T	Dichlorodifluoromethane	0.367	0.312	15.0	119	0.00
3 P	Chloromethane	0.193	0.206	-6.7	149	0.00
4 C	Vinyl Chloride	0.215	0.259	-20.5#	163#	0.00
5 T	Bromomethane	0.153	0.146	4.6	136	0.00
6 T	Chloroethane	0.132	0.154	-16.7	158#	0.00
7 T	Trichlorofluoromethane	0.659	0.671	-1.8	140	0.00
8 T	Diethyl Ether	0.206	0.201	2.4	130	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.445	0.461	-3.6	142	0.00
10 T	Methyl Iodide	0.477	0.561	-17.6	152#	0.00
11 T	Tert butyl alcohol	0.032	0.024	25.0	103	-0.01
12 CM	1,1-Dichloroethene	0.390	0.391	-0.3#	133	-0.01
13 T	Acrolein	0.009	0.009	0.0	234#	0.00
14 T	Allyl chloride	0.563	0.587	-4.3	142	-0.01
15 T	Acrylonitrile	0.088	0.088	0.0	128	0.00
16 T	Acetone	0.060	0.058	3.3	124	-0.01
17 T	Carbon Disulfide	0.846	0.800	5.4	121	0.00
18 T	Methyl Acetate	0.204	0.220	-7.8	134	0.00
19 T	Methyl tert-butyl Ether	1.100	1.048	4.7	126	0.00
20 T	Methylene Chloride	0.417	0.408	2.2	134	0.00
21 T	trans-1,2-Dichloroethene	0.429	0.423	1.4	133	0.00
22 T	Diisopropyl ether	1.198	1.314	-9.7	149	0.00
23 T	Vinyl Acetate	0.661	0.695	-5.1	137	-0.01
24 P	1,1-Dichloroethane	0.791	0.818	-3.4	143	0.00
25 T	2-Butanone	0.099	0.097	2.0	124	-0.01
26 T	2,2-Dichloropropane	0.821	0.800	2.6	135	-0.01
27 T	cis-1,2-Dichloroethene	0.542	0.543	-0.2	137	0.00
28 T	Bromochloromethane	0.213	0.230	-8.0	125	0.00
29 T	Tetrahydrofuran	0.063	0.064	-1.6	127	0.00
30 C	Chloroform	0.902	0.883	2.1#	136	-0.01
31 T	Cyclohexane	0.618	0.612	1.0	139	-0.01
32 T	1,1,1-Trichloroethane	0.879	0.840	4.4	132	0.00
33 S	1,2-Dichloroethane-d4	0.425	0.405	4.7	115	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	137	0.00
35 S	Dibromofluoromethane	0.313	0.314	-0.3	126	0.00
36 T	1,1-Dichloropropene	0.400	0.413	-3.2	137	0.00
37 T	Ethyl Acetate	0.159	0.165	-3.8	132	0.00
38 T	Carbon Tetrachloride	0.556	0.541	2.7	131	0.00
39 T	Methylcyclohexane	0.490	0.508	-3.7	136	0.00
40 TM	Benzene	1.226	1.264	-3.1	138	0.00
41 T	Methacrylonitrile	0.091	0.105	-15.4	138	0.00
42 TM	1,2-Dichloroethane	0.335	0.325	3.0	127	0.00
43 T	Isopropyl Acetate	0.323	0.330	-2.2	129	0.00
44 TM	Trichloroethene	0.342	0.348	-1.8	138	0.00
45 C	1,2-Dichloropropane	0.278	0.305	-9.7#	148	0.00
46 T	Dibromomethane	0.160	0.164	-2.5	134	0.00
47 T	Bromodichloromethane	0.457	0.467	-2.2	136	0.00
48 T	Methyl methacrylate	0.145	0.153	-5.5	128	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.001	50.0#	101	0.00
50 S	Toluene-d8	1.092	1.168	-7.0	124	0.00
51 T	4-Methyl-2-Pentanone	0.162	0.168	-3.7	128	0.00
52 CM	Toluene	0.812	0.840	-3.4#	138	0.00
53 T	t-1,3-Dichloropropene	0.407	0.417	-2.5	131	0.00
54 T	cis-1,3-Dichloropropene	0.472	0.490	-3.8	137	0.00
55 T	1,1,2-Trichloroethane	0.228	0.234	-2.6	139	0.00
56 T	Ethyl methacrylate	0.288	0.299	-3.8	130	0.00
57 T	1,3-Dichloropropane	0.372	0.391	-5.1	137	0.00
58 T	2-Chloroethyl Vinyl ether	0.114	0.111	2.6	117	0.00
59 T	2-Hexanone	0.104	0.108	-3.8	125	0.00
60 T	Dibromochloromethane	0.331	0.336	-1.5	134	0.00
61 T	1,2-Dibromoethane	0.205	0.212	-3.4	135	0.00
62 S	4-Bromofluorobenzene	0.403	0.391	3.0	123	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	136	0.00
64 T	Tetrachloroethene	0.368	0.372	-1.1	134	0.00
65 PM	Chlorobenzene	1.105	1.121	-1.4	136	0.00
66 T	1,1,1,2-Tetrachloroethane	0.421	0.414	1.7	132	0.00
67 C	Ethyl Benzene	1.914	1.975	-3.2#	136	0.00
68 T	m/p-Xylenes	0.737	0.746	-1.2	135	0.00
69 T	o-Xylene	0.699	0.703	-0.6	135	0.00
70 T	Styrene	1.176	1.189	-1.1	133	0.00
71 P	Bromoform	0.239	0.236	1.3	127	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	132	0.00
73 T	Isopropylbenzene	3.967	4.106	-3.5	135	0.00
74 T	N-amyl acetate	0.649	0.692	-6.6	127	0.00
75 P	1,1,2,2-Tetrachloroethane	0.601	0.637	-6.0	132	0.00
76 T	1,2,3-Trichloropropane	0.437	0.460	-5.3	141	0.00
77 T	Bromobenzene	0.915	0.933	-2.0	133	0.00
78 T	n-propylbenzene	4.502	4.710	-4.6	136	0.00
79 T	2-Chlorotoluene	2.593	2.663	-2.7	134	0.00
80 T	1,3,5-Trimethylbenzene	3.215	3.265	-1.6	132	0.00
81 T	trans-1,4-Dichloro-2-butene	0.207	0.215	-3.9	123	0.00
82 T	4-Chlorotoluene	2.676	2.722	-1.7	134	0.00
83 T	tert-Butylbenzene	3.007	3.085	-2.6	136	0.00
84 T	1,2,4-Trimethylbenzene	3.139	3.164	-0.8	129	0.00
85 T	sec-Butylbenzene	4.200	4.332	-3.1	133	0.00
86 T	p-Isopropyltoluene	3.583	3.597	-0.4	130	0.00
87 T	1,3-Dichlorobenzene	1.777	1.776	0.1	131	0.00
88 T	1,4-Dichlorobenzene	1.749	1.745	0.2	132	0.00
89 T	n-Butylbenzene	3.108	3.186	-2.5	132	0.00
90 T	Hexachloroethane	0.719	0.719	0.0	133	0.00
91 T	1,2-Dichlorobenzene	1.554	1.534	1.3	130	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.097	0.086	11.3	115	0.00
93 T	1,2,4-Trichlorobenzene	0.894	0.865	3.2	122	0.00
94 T	Hexachlorobutadiene	0.630	0.590	6.3	125	0.00
95 T	Naphthalene	1.472	1.412	4.1	119	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.749	0.719	4.0	125	0.00

(#) = Out of Range

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