

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012224\
 Data File : VY017081.D
 Acq On : 22 Jan 2024 18:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 23 01:48:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 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	102	0.01
2 T	Dichlorodifluoromethane	0.403	0.444	-10.2	117	0.00
3 P	Chloromethane	0.587	0.674	-14.8	115	0.00
4 C	Vinyl Chloride	0.693	0.811	-17.0#	116	0.00
5 T	Bromomethane	0.496	0.577	-16.3	122	0.00
6 T	Chloroethane	0.469	0.522	-11.3	111	0.00
7 T	Trichlorofluoromethane	0.854	0.913	-6.9	106	0.00
8 T	Diethyl Ether	0.273	0.289	-5.9	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.555	0.560	-0.9	101	0.01
10 T	Methyl Iodide	0.472	0.568	-20.3	110	0.01
11 T	Tert butyl alcohol	0.048	0.037	22.9	100	0.01
12 CM	1,1-Dichloroethene	0.476	0.526	-10.5#	109	0.00
13 T	Acrolein	0.060	0.041	31.7#	79	0.00
14 T	Allyl chloride	0.753	0.781	-3.7	100	0.00
15 T	Acrylonitrile	0.128	0.126	1.6	97	0.00
16 T	Acetone	0.149	0.136	8.7	111	0.00
17 T	Carbon Disulfide	1.138	1.539	-35.2#	126	0.00
18 T	Methyl Acetate	0.529	0.613	-15.9	102	0.00
19 T	Methyl tert-butyl Ether	1.239	1.276	-3.0	98	0.02
20 T	Methylene Chloride	0.817	0.608	25.6#	94	0.01
21 T	trans-1,2-Dichloroethene	0.545	0.611	-12.1	108	0.00
22 T	Diisopropyl ether	1.741	1.747	-0.3	94	0.02
23 T	Vinyl Acetate	0.798	0.777	2.6	95	0.01
24 P	1,1-Dichloroethane	1.046	1.045	0.1	97	0.01
25 T	2-Butanone	0.188	0.169	10.1	98	0.01
26 T	2,2-Dichloropropane	0.907	0.903	0.4	98	0.01
27 T	cis-1,2-Dichloroethene	0.639	0.680	-6.4	103	0.01
28 T	Bromochloromethane	0.393	0.440	-12.0	100	0.00
29 T	Tetrahydrofuran	0.100	0.102	-2.0	98	0.01
30 C	Chloroform	1.078	1.075	0.3#	98	0.01
31 T	Cyclohexane	0.848	0.926	-9.2	108	0.00
32 T	1,1,1-Trichloroethane	0.914	0.945	-3.4	101	0.01
33 S	1,2-Dichloroethane-d4	0.494	0.465	5.9	95	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
35 S	Dibromofluoromethane	0.319	0.325	-1.9	102	0.01
36 T	1,1-Dichloropropene	0.464	0.508	-9.5	105	0.01
37 T	Ethyl Acetate	0.211	0.204	3.3	94	0.00
38 T	Carbon Tetrachloride	0.472	0.507	-7.4	104	0.01
39 T	Methylcyclohexane	0.522	0.610	-16.9	108	0.01
40 TM	Benzene	1.393	1.486	-6.7	103	0.01
41 T	Methacrylonitrile	0.111	0.112	-0.9	107	0.01
42 TM	1,2-Dichloroethane	0.370	0.380	-2.7	101	0.00
43 T	Isopropyl Acetate	0.404	0.396	2.0	96	0.01
44 TM	Trichloroethene	0.354	0.388	-9.6	105	0.01
45 C	1,2-Dichloropropane	0.359	0.359	0.0	97	0.00
46 T	Dibromomethane	0.183	0.191	-4.4	102	0.01
47 T	Bromodichloromethane	0.491	0.490	0.2	97	0.00
48 T	Methyl methacrylate	0.218	0.231	-6.0	99	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	106	0.00
50 S	Toluene-d8	1.097	1.037	5.5	91	0.00
51 T	4-Methyl-2-Pentanone	0.215	0.218	-1.4	95	0.00
52 CM	Toluene	0.841	0.922	-9.6#	104	0.01
53 T	t-1,3-Dichloropropene	0.440	0.459	-4.3	99	0.01
54 T	cis-1,3-Dichloropropene	0.529	0.558	-5.5	101	0.00
55 T	1,1,2-Trichloroethane	0.267	0.268	-0.4	98	0.00
56 T	Ethyl methacrylate	0.226	0.248	-9.7	102	0.00
57 T	1,3-Dichloropropane	0.446	0.460	-3.1	100	0.00
58 T	2-Chloroethyl Vinyl ether	0.129	0.128	0.8	90	0.01
59 T	2-Hexanone	0.158	0.154	2.5	97	0.00
60 T	Dibromochloromethane	0.308	0.315	-2.3	98	0.00
61 T	1,2-Dibromoethane	0.232	0.247	-6.5	101	0.00
62 S	4-Bromofluorobenzene	0.370	0.376	-1.6	102	0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
64 T	Tetrachloroethene	0.324	0.364	-12.3	109	0.01
65 PM	Chlorobenzene	1.042	1.113	-6.8	104	0.00
66 T	1,1,1,2-Tetrachloroethane	0.396	0.412	-4.0	100	0.01
67 C	Ethyl Benzene	1.875	2.060	-9.9#	103	0.01
68 T	m/p-Xylenes	0.688	0.776	-12.8	105	0.01
69 T	o-Xylene	0.645	0.713	-10.5	102	0.00
70 T	Styrene	0.939	1.068	-13.7	103	0.01
71 P	Bromoform	0.195	0.206	-5.6	100	0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	108	0.01
73 T	Isopropylbenzene	4.083	4.250	-4.1	102	0.01
74 T	N-amyl acetate	0.820	0.817	0.4	98	0.00
75 P	1,1,2,2-Tetrachloroethane	0.832	0.759	8.8	96	0.00
76 T	1,2,3-Trichloropropane	0.543	0.527	2.9	89	0.00
77 T	Bromobenzene	0.899	0.917	-2.0	105	0.00
78 T	n-propylbenzene	4.964	5.163	-4.0	102	0.01
79 T	2-Chlorotoluene	2.753	2.789	-1.3	102	0.01
80 T	1,3,5-Trimethylbenzene	3.229	3.416	-5.8	103	0.01
81 T	trans-1,4-Dichloro-2-butene	0.239	0.230	3.8	100	0.01
82 T	4-Chlorotoluene	2.812	2.880	-2.4	103	0.01
83 T	tert-Butylbenzene	2.844	2.967	-4.3	104	0.00
84 T	1,2,4-Trimethylbenzene	3.180	3.404	-7.0	105	0.00
85 T	sec-Butylbenzene	4.214	4.347	-3.2	101	0.00
86 T	p-Isopropyltoluene	3.478	3.704	-6.5	103	0.00
87 T	1,3-Dichlorobenzene	1.763	1.795	-1.8	104	0.01
88 T	1,4-Dichlorobenzene	1.724	1.760	-2.1	105	0.01
89 T	n-Butylbenzene	3.344	3.534	-5.7	103	0.01
90 T	Hexachloroethane	0.747	0.726	2.8	99	0.00
91 T	1,2-Dichlorobenzene	1.524	1.537	-0.9	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.104	0.101	2.9	105	0.00
93 T	1,2,4-Trichlorobenzene	0.757	0.850	-12.3	109	0.00
94 T	Hexachlorobutadiene	0.474	0.499	-5.3	106	0.00
95 T	Naphthalene	1.345	1.571	-16.8	110	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.642	0.700	-9.0	106	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 5