

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120324\
 Data File : VY020503.D
 Acq On : 03 Dec 2024 16:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 03 22:13:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 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	82	0.00
2 T	Dichlorodifluoromethane	0.488	0.556	-13.9	87	0.00
3 P	Chloromethane	0.494	0.579	-17.2	91	0.00
4 C	Vinyl Chloride	0.503	0.560	-11.3#	86	0.00
5 T	Bromomethane	0.295	0.352	-19.3	95	0.00
6 T	Chloroethane	0.309	0.354	-14.6	92	0.00
7 T	Trichlorofluoromethane	0.943	1.018	-8.0	86	0.00
8 T	Diethyl Ether	0.267	0.334	-25.1#	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.549	0.587	-6.9	88	0.00
10 T	Methyl Iodide	0.617	0.741	-20.1	92	0.00
11 T	Tert butyl alcohol	0.033	0.044	-33.3#	108	-0.01
12 CM	1,1-Dichloroethene	0.519	0.581	-11.9#	90	0.00
13 T	Acrolein	0.031	0.030	3.2	88	0.00
14 T	Allyl chloride	0.926	1.066	-15.1	93	-0.01
15 T	Acrylonitrile	0.111	0.144	-29.7#	103	0.00
16 T	Acetone	0.126	0.131	-4.0	74	0.00
17 T	Carbon Disulfide	1.486	1.800	-21.1	89	0.00
18 T	Methyl Acetate	0.269	0.378	-40.5#	112	-0.01
19 T	Methyl tert-butyl Ether	1.326	1.689	-27.4#	103	-0.01
20 T	Methylene Chloride	0.538	0.655	-21.7	100	0.00
21 T	trans-1,2-Dichloroethene	0.576	0.672	-16.7	96	0.00
22 T	Diisopropyl ether	1.841	2.223	-20.7	99	0.00
23 T	Vinyl Acetate	0.974	1.207	-23.9	97	0.00
24 P	1,1-Dichloroethane	1.108	1.300	-17.3	98	0.00
25 T	2-Butanone	0.160	0.189	-18.1	87	0.00
26 T	2,2-Dichloropropane	1.048	1.018	2.9	81	-0.01
27 T	cis-1,2-Dichloroethene	0.673	0.812	-20.7	99	0.00
28 T	Bromochloromethane	0.414	0.514	-24.2	95	0.00
29 T	Tetrahydrofuran	0.091	0.120	-31.9#	101	0.00
30 C	Chloroform	1.137	1.331	-17.1#	99	0.00
31 T	Cyclohexane	1.002	1.014	-1.2	84	0.00
32 T	1,1,1-Trichloroethane	1.095	1.191	-8.8	91	0.00
33 S	1,2-Dichloroethane-d4	0.509	0.607	-19.3	90	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
35 S	Dibromofluoromethane	0.315	0.350	-11.1	89	0.00
36 T	1,1-Dichloropropene	0.532	0.555	-4.3	89	0.00
37 T	Ethyl Acetate	0.211	0.258	-22.3	104	-0.01
38 T	Carbon Tetrachloride	0.634	0.663	-4.6	90	0.00
39 T	Methylcyclohexane	0.660	0.689	-4.4	87	0.00
40 TM	Benzene	1.567	1.743	-11.2	97	0.00
41 T	Methacrylonitrile	0.120	0.153	-27.5#	101	0.00
42 TM	1,2-Dichloroethane	0.412	0.496	-20.4	102	0.00
43 T	Isopropyl Acetate	0.425	0.531	-24.9	104	0.00
44 TM	Trichloroethene	0.386	0.421	-9.1	95	0.00
45 C	1,2-Dichloropropane	0.367	0.411	-12.0#	100	0.00
46 T	Dibromomethane	0.182	0.219	-20.3	105	0.00
47 T	Bromodichloromethane	0.535	0.609	-13.8	101	0.00
48 T	Methyl methacrylate	0.198	0.246	-24.2	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	104	-0.01
50 S	Toluene-d8	1.199	1.301	-8.5	87	0.00
51 T	4-Methyl-2-Pentanone	0.210	0.263	-25.2#	103	0.00
52 CM	Toluene	0.978	1.084	-10.8#	96	0.00
53 T	t-1,3-Dichloropropene	0.480	0.553	-15.2	98	0.00
54 T	cis-1,3-Dichloropropene	0.568	0.655	-15.3	99	0.00
55 T	1,1,2-Trichloroethane	0.242	0.286	-18.2	102	0.00
56 T	Ethyl methacrylate	0.343	0.428	-24.8	102	0.00
57 T	1,3-Dichloropropane	0.434	0.516	-18.9	102	0.00
58 T	2-Chloroethyl Vinyl ether	0.160	0.176	-10.0	78	0.00
59 T	2-Hexanone	0.152	0.177	-16.4	91	0.00
60 T	Dibromochloromethane	0.337	0.401	-19.0	102	0.00
61 T	1,2-Dibromoethane	0.222	0.266	-19.8	103	0.00
62 S	4-Bromofluorobenzene	0.419	0.474	-13.1	92	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
64 T	Tetrachloroethene	0.422	0.458	-8.5	101	0.00
65 PM	Chlorobenzene	1.253	1.327	-5.9	100	0.00
66 T	1,1,1,2-Tetrachloroethane	0.444	0.471	-6.1	101	0.00
67 C	Ethyl Benzene	2.349	2.398	-2.1#	95	0.00
68 T	m/p-Xylenes	0.860	0.882	-2.6	96	0.00
69 T	o-Xylene	0.806	0.856	-6.2	98	0.00
70 T	Styrene	1.344	1.439	-7.1	99	0.00
71 P	Bromoform	0.226	0.261	-15.5	105	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
73 T	Isopropylbenzene	4.838	4.549	6.0	97	0.00
74 T	N-amyl acetate	0.948	1.033	-9.0	101	0.00
75 P	1,1,2,2-Tetrachloroethane	0.696	0.718	-3.2	102	0.00
76 T	1,2,3-Trichloropropane	0.509	0.490	3.7	113	0.00
77 T	Bromobenzene	1.002	0.987	1.5	100	0.00
78 T	n-propylbenzene	5.728	5.365	6.3	95	0.00
79 T	2-Chlorotoluene	3.232	3.098	4.1	99	0.00
80 T	1,3,5-Trimethylbenzene	3.877	3.707	4.4	97	0.00
81 T	trans-1,4-Dichloro-2-butene	0.248	0.249	-0.4	96	0.00
82 T	4-Chlorotoluene	3.298	3.156	4.3	98	0.00
83 T	tert-Butylbenzene	3.505	3.272	6.6	96	0.00
84 T	1,2,4-Trimethylbenzene	3.768	3.687	2.1	99	0.00
85 T	sec-Butylbenzene	5.023	4.749	5.5	97	0.00
86 T	p-Isopropyltoluene	4.151	3.995	3.8	98	0.00
87 T	1,3-Dichlorobenzene	1.932	1.912	1.0	101	0.00
88 T	1,4-Dichlorobenzene	1.891	1.893	-0.1	102	0.00
89 T	n-Butylbenzene	3.850	3.680	4.4	97	0.00
90 T	Hexachloroethane	0.809	0.770	4.8	99	0.00
91 T	1,2-Dichlorobenzene	1.639	1.672	-2.0	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.105	0.118	-12.4	106	0.00
93 T	1,2,4-Trichlorobenzene	0.921	0.988	-7.3	104	0.00
94 T	Hexachlorobutadiene	0.645	0.640	0.8	96	0.00
95 T	Naphthalene	1.491	1.728	-15.9	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.743	0.828	-11.4	106	0.00

(#) = Out of Range

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