

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120924\
 Data File : VY020558.D
 Acq On : 09 Dec 2024 16:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 10 04:02:37 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	79	-0.01
2 T	Dichlorodifluoromethane	0.488	0.540	-10.7	81	-0.01
3 P	Chloromethane	0.494	0.597	-20.9	90	-0.01
4 C	Vinyl Chloride	0.503	0.582	-15.7#	85	-0.01
5 T	Bromomethane	0.295	0.384	-30.2#	99	-0.02
6 T	Chloroethane	0.309	0.382	-23.6	96	-0.01
7 T	Trichlorofluoromethane	0.943	1.044	-10.7	85	-0.02
8 T	Diethyl Ether	0.267	0.399	-49.4#	119	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	0.549	0.628	-14.4	90	-0.02
10 T	Methyl Iodide	0.617	0.809	-31.1#	97	-0.02
11 T	Tert butyl alcohol	0.033	0.058	-75.8#	138	-0.02
12 CM	1,1-Dichloroethene	0.519	0.619	-19.3#	92	-0.02
13 T	Acrolein	0.031	0.025	19.4	72	-0.01
14 T	Allyl chloride	0.926	1.137	-22.8	96	-0.02
15 T	Acrylonitrile	0.111	0.183	-64.9#	126	-0.02
16 T	Acetone	0.126	0.161	-27.8#	87	-0.02
17 T	Carbon Disulfide	1.486	1.855	-24.8	89	-0.02
18 T	Methyl Acetate	0.269	0.496	-84.4#	141	-0.02
19 T	Methyl tert-butyl Ether	1.326	1.974	-48.9#	115	-0.02
20 T	Methylene Chloride	0.538	0.756	-40.5#	112	-0.02
21 T	trans-1,2-Dichloroethene	0.576	0.723	-25.5#	99	-0.02
22 T	Diisopropyl ether	1.841	2.486	-35.0#	106	-0.01
23 T	Vinyl Acetate	0.974	1.361	-39.7#	105	-0.02
24 P	1,1-Dichloroethane	1.108	1.406	-26.9#	102	-0.02
25 T	2-Butanone	0.160	0.238	-48.7#	105	-0.02
26 T	2,2-Dichloropropane	1.048	1.007	3.9	77	-0.02
27 T	cis-1,2-Dichloroethene	0.673	0.886	-31.6#	104	-0.01
28 T	Bromochloromethane	0.414	0.576	-39.1#	103	-0.01
29 T	Tetrahydrofuran	0.091	0.150	-64.8#	121	-0.01
30 C	Chloroform	1.137	1.466	-28.9#	105	-0.01
31 T	Cyclohexane	1.002	1.056	-5.4	84	-0.02
32 T	1,1,1-Trichloroethane	1.095	1.281	-17.0	94	-0.02
33 S	1,2-Dichloroethane-d4	0.509	0.690	-35.6#	98	-0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	-0.01
35 S	Dibromofluoromethane	0.315	0.382	-21.3	96	-0.02
36 T	1,1-Dichloropropene	0.532	0.572	-7.5	90	-0.01
37 T	Ethyl Acetate	0.211	0.312	-47.9#	124	-0.02
38 T	Carbon Tetrachloride	0.634	0.669	-5.5	89	-0.01
39 T	Methylcyclohexane	0.660	0.688	-4.2	86	-0.01
40 TM	Benzene	1.567	1.848	-17.9	101	-0.01
41 T	Methacrylonitrile	0.120	0.147	-22.5	96	-0.01
42 TM	1,2-Dichloroethane	0.412	0.542	-31.6#	110	-0.02
43 T	Isopropyl Acetate	0.425	0.616	-44.9#	118	-0.01
44 TM	Trichloroethene	0.386	0.454	-17.6	102	-0.01
45 C	1,2-Dichloropropane	0.367	0.451	-22.9#	109	0.00
46 T	Dibromomethane	0.182	0.252	-38.5#	118	-0.01
47 T	Bromodichloromethane	0.535	0.674	-26.0#	110	-0.01
48 T	Methyl methacrylate	0.198	0.289	-46.0#	119	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	138	-0.02
50 S	Toluene-d8	1.199	1.357	-13.2	89	-0.01
51 T	4-Methyl-2-Pentanone	0.210	0.321	-52.9#	123	-0.01
52 CM	Toluene	0.978	1.158	-18.4#	101	0.00
53 T	t-1,3-Dichloropropene	0.480	0.613	-27.7#	107	-0.01
54 T	cis-1,3-Dichloropropene	0.568	0.705	-24.1	105	-0.01
55 T	1,1,2-Trichloroethane	0.242	0.340	-40.5#	119	-0.01
56 T	Ethyl methacrylate	0.343	0.507	-47.8#	119	0.00
57 T	1,3-Dichloropropane	0.434	0.593	-36.6#	116	-0.01
58 T	2-Chloroethyl Vinyl ether	0.160	0.239	-49.4#	104	-0.01
59 T	2-Hexanone	0.152	0.220	-44.7#	111	-0.01
60 T	Dibromochloromethane	0.337	0.458	-35.9#	115	-0.01
61 T	1,2-Dibromoethane	0.222	0.315	-41.9#	120	-0.01
62 S	4-Bromofluorobenzene	0.419	0.514	-22.7	99	-0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	93	-0.01
64 T	Tetrachloroethene	0.422	0.550	-30.3#	122	0.00
65 PM	Chlorobenzene	1.253	1.428	-14.0	108	-0.01
66 T	1,1,1,2-Tetrachloroethane	0.444	0.515	-16.0	110	-0.01
67 C	Ethyl Benzene	2.349	2.526	-7.5#	100	0.00
68 T	m/p-Xylenes	0.860	0.941	-9.4	103	0.00
69 T	o-Xylene	0.806	0.907	-12.5	105	-0.01
70 T	Styrene	1.344	1.564	-16.4	108	0.00
71 P	Bromoform	0.226	0.307	-35.8#	124	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73 T	Isopropylbenzene	4.838	4.636	4.2	101	0.00
74 T	N-amyl acetate	0.948	1.203	-26.9#	121	-0.01
75 P	1,1,2,2-Tetrachloroethane	0.696	0.837	-20.3	122	0.00
76 T	1,2,3-Trichloropropane	0.509	0.593	-16.5	140	0.00
77 T	Bromobenzene	1.002	1.089	-8.7	113	-0.01
78 T	n-propylbenzene	5.728	5.514	3.7	101	-0.01
79 T	2-Chlorotoluene	3.232	3.277	-1.4	107	-0.01
80 T	1,3,5-Trimethylbenzene	3.877	3.861	0.4	104	0.00
81 T	trans-1,4-Dichloro-2-butene	0.248	0.279	-12.5	110	0.00
82 T	4-Chlorotoluene	3.298	3.346	-1.5	106	-0.01
83 T	tert-Butylbenzene	3.505	3.427	2.2	103	0.00
84 T	1,2,4-Trimethylbenzene	3.768	3.883	-3.1	107	0.00
85 T	sec-Butylbenzene	5.023	4.859	3.3	102	0.00
86 T	p-Isopropyltoluene	4.151	4.144	0.2	104	0.00
87 T	1,3-Dichlorobenzene	1.932	2.088	-8.1	113	-0.01
88 T	1,4-Dichlorobenzene	1.891	2.080	-10.0	115	-0.01
89 T	n-Butylbenzene	3.850	3.805	1.2	103	-0.01
90 T	Hexachloroethane	0.809	0.818	-1.1	108	-0.01
91 T	1,2-Dichlorobenzene	1.639	1.876	-14.5	119	-0.01
92 T	1,2-Dibromo-3-Chloropropane	0.105	0.140	-33.3#	129	0.00
93 T	1,2,4-Trichlorobenzene	0.921	1.175	-27.6#	127	-0.01
94 T	Hexachlorobutadiene	0.645	0.717	-11.2	111	0.00
95 T	Naphthalene	1.491	2.242	-50.4#	139	0.00

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96 T	1,2,3-Trichlorobenzene	0.743	1.020	-37.3#	134	-0.01

(#) = Out of Range

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