

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121124\
 Data File : VY020588.D
 Acq On : 11 Dec 2024 17:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 11 22:14:42 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	108	-0.01
2 T	Dichlorodifluoromethane	0.488	0.463	5.1	95	0.00
3 P	Chloromethane	0.494	0.542	-9.7	112	0.00
4 C	Vinyl Chloride	0.503	0.542	-7.8#	108	0.00
5 T	Bromomethane	0.295	0.327	-10.8	115	-0.01
6 T	Chloroethane	0.309	0.342	-10.7	116	-0.01
7 T	Trichlorofluoromethane	0.943	0.908	3.7	101	-0.01
8 T	Diethyl Ether	0.267	0.294	-10.1	119	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.549	0.559	-1.8	110	-0.01
10 T	Methyl Iodide	0.617	0.659	-6.8	107	-0.01
11 T	Tert butyl alcohol	0.033	0.039	-18.2	126	-0.01
12 CM	1,1-Dichloroethene	0.519	0.528	-1.7#	107	-0.02
13 T	Acrolein	0.031	0.019	38.7#	75	-0.01
14 T	Allyl chloride	0.926	0.984	-6.3	113	-0.02
15 T	Acrylonitrile	0.111	0.133	-19.8	124	-0.01
16 T	Acetone	0.126	0.136	-7.9	101	-0.02
17 T	Carbon Disulfide	1.486	1.514	-1.9	98	-0.01
18 T	Methyl Acetate	0.269	0.347	-29.0#	134	-0.02
19 T	Methyl tert-butyl Ether	1.326	1.461	-10.2	116	-0.02
20 T	Methylene Chloride	0.538	0.596	-10.8	120	-0.02
21 T	trans-1,2-Dichloroethene	0.576	0.597	-3.6	111	-0.02
22 T	Diisopropyl ether	1.841	2.075	-12.7	121	-0.01
23 T	Vinyl Acetate	0.974	1.129	-15.9	119	-0.01
24 P	1,1-Dichloroethane	1.108	1.189	-7.3	118	-0.02
25 T	2-Butanone	0.160	0.181	-13.1	109	-0.02
26 T	2,2-Dichloropropane	1.048	0.997	4.9	104	-0.02
27 T	cis-1,2-Dichloroethene	0.673	0.721	-7.1	115	-0.01
28 T	Bromochloromethane	0.414	0.476	-15.0	116	-0.01
29 T	Tetrahydrofuran	0.091	0.110	-20.9	121	0.00
30 C	Chloroform	1.137	1.194	-5.0#	116	-0.01
31 T	Cyclohexane	1.002	0.955	4.7	103	-0.01
32 T	1,1,1-Trichloroethane	1.095	1.071	2.2	107	-0.02
33 S	1,2-Dichloroethane-d4	0.509	0.539	-5.9	104	-0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	115	0.00
35 S	Dibromofluoromethane	0.315	0.330	-4.8	109	-0.01
36 T	1,1-Dichloropropene	0.532	0.510	4.1	106	-0.01
37 T	Ethyl Acetate	0.211	0.237	-12.3	124	-0.02
38 T	Carbon Tetrachloride	0.634	0.583	8.0	103	-0.01
39 T	Methylcyclohexane	0.660	0.623	5.6	103	0.00
40 TM	Benzene	1.567	1.564	0.2	113	-0.01
41 T	Methacrylonitrile	0.120	0.128	-6.7	109	-0.01
42 TM	1,2-Dichloroethane	0.412	0.427	-3.6	114	-0.01
43 T	Isopropyl Acetate	0.425	0.476	-12.0	121	-0.01
44 TM	Trichloroethene	0.386	0.378	2.1	112	0.00
45 C	1,2-Dichloropropane	0.367	0.377	-2.7#	120	0.00
46 T	Dibromomethane	0.182	0.195	-7.1	121	0.00
47 T	Bromodichloromethane	0.535	0.553	-3.4	119	-0.01
48 T	Methyl methacrylate	0.198	0.228	-15.2	124	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	127	-0.01
50 S	Toluene-d8	1.199	1.193	0.5	104	-0.01
51 T	4-Methyl-2-Pentanone	0.210	0.239	-13.8	122	0.00
52 CM	Toluene	0.978	0.971	0.7#	112	0.00
53 T	t-1,3-Dichloropropene	0.480	0.505	-5.2	117	-0.01
54 T	cis-1,3-Dichloropropene	0.568	0.593	-4.4	117	-0.01
55 T	1,1,2-Trichloroethane	0.242	0.264	-9.1	123	0.00
56 T	Ethyl methacrylate	0.343	0.384	-12.0	119	0.00
57 T	1,3-Dichloropropane	0.434	0.473	-9.0	122	0.00
58 T	2-Chloroethyl Vinyl ether	0.160	0.173	-8.1	100	-0.01
59 T	2-Hexanone	0.152	0.165	-8.6	110	0.00
60 T	Dibromochloromethane	0.337	0.361	-7.1	119	-0.01
61 T	1,2-Dibromoethane	0.222	0.240	-8.1	121	-0.01
62 S	4-Bromofluorobenzene	0.419	0.431	-2.9	109	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	119	-0.01
64 T	Tetrachloroethene	0.422	0.397	5.9	112	0.00
65 PM	Chlorobenzene	1.253	1.220	2.6	117	0.00
66 T	1,1,1,2-Tetrachloroethane	0.444	0.438	1.4	120	0.00
67 C	Ethyl Benzene	2.349	2.221	5.4#	112	0.00
68 T	m/p-Xylenes	0.860	0.816	5.1	114	0.00
69 T	o-Xylene	0.806	0.789	2.1	116	0.00
70 T	Styrene	1.344	1.331	1.0	117	0.00
71 P	Bromoform	0.226	0.240	-6.2	123	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	123	0.00
73 T	Isopropylbenzene	4.838	4.239	12.4	114	0.00
74 T	N-amyl acetate	0.948	0.968	-2.1	120	0.00
75 P	1,1,2,2-Tetrachloroethane	0.696	0.700	-0.6	126	0.00
76 T	1,2,3-Trichloropropane	0.509	0.524	-2.9	153#	0.00
77 T	Bromobenzene	1.002	0.937	6.5	120	0.00
78 T	n-propylbenzene	5.728	5.120	10.6	115	0.00
79 T	2-Chlorotoluene	3.232	2.913	9.9	117	0.00
80 T	1,3,5-Trimethylbenzene	3.877	3.477	10.3	115	0.00
81 T	trans-1,4-Dichloro-2-butene	0.248	0.245	1.2	120	0.00
82 T	4-Chlorotoluene	3.298	2.978	9.7	117	0.00
83 T	tert-Butylbenzene	3.505	3.147	10.2	117	0.00
84 T	1,2,4-Trimethylbenzene	3.768	3.454	8.3	118	0.00
85 T	sec-Butylbenzene	5.023	4.564	9.1	118	0.00
86 T	p-Isopropyltoluene	4.151	3.779	9.0	117	0.00
87 T	1,3-Dichlorobenzene	1.932	1.806	6.5	120	0.00
88 T	1,4-Dichlorobenzene	1.891	1.776	6.1	121	0.00
89 T	n-Butylbenzene	3.850	3.550	7.8	118	0.00
90 T	Hexachloroethane	0.809	0.750	7.3	122	0.00
91 T	1,2-Dichlorobenzene	1.639	1.589	3.1	124	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.105	0.108	-2.9	123	0.00
93 T	1,2,4-Trichlorobenzene	0.921	0.943	-2.4	126	0.00
94 T	Hexachlorobutadiene	0.645	0.622	3.6	119	0.00
95 T	Naphthalene	1.491	1.644	-10.3	126	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.743	0.800	-7.7	130	0.00

(#) = Out of Range

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