

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061924\
 Data File : VY018646.D
 Acq On : 19 Jun 2024 16:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 4.35g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 20 02:12:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 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	81	0.00
2 T	Dichlorodifluoromethane	0.329	0.282	14.3	63	0.00
3 P	Chloromethane	0.678	0.795	-17.3	78	0.00
4 C	Vinyl Chloride	0.840	0.968	-15.2#	79	0.00
5 T	Bromomethane	0.624	0.632	-1.3	73	0.00
6 T	Chloroethane	0.550	0.579	-5.3	73	0.00
7 T	Trichlorofluoromethane	0.904	1.019	-12.7	78	0.00
8 T	Diethyl Ether	0.258	0.259	-0.4	67	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.473	0.476	-0.6	71	0.00
10 T	Methyl Iodide	0.515	0.547	-6.2	65	-0.01
11 T	Tert butyl alcohol	0.091	0.036	60.4#	44#	0.00
12 CM	1,1-Dichloroethene	0.475	0.468	1.5#	68	0.00
13 T	Acrolein	0.029	0.025	13.8	55	0.00
14 T	Allyl chloride	0.640	0.680	-6.3	72	0.00
15 T	Acrylonitrile	0.115	0.116	-0.9	68	0.00
16 T	Acetone	0.102	0.086	15.7	55	0.00
17 T	Carbon Disulfide	1.266	1.313	-3.7	64	0.00
18 T	Methyl Acetate	0.260	0.292	-12.3	69	0.00
19 T	Methyl tert-butyl Ether	1.267	1.243	1.9	67	0.00
20 T	Methylene Chloride	0.854	0.604	29.3#	68	0.00
21 T	trans-1,2-Dichloroethene	0.541	0.543	-0.4	69	0.00
22 T	Diisopropyl ether	1.445	1.610	-11.4	75	0.00
23 T	Vinyl Acetate	1.042	1.263	-21.2	70	0.00
24 P	1,1-Dichloroethane	0.931	0.989	-6.2	74	0.00
25 T	2-Butanone	0.154	0.149	3.2	63	0.00
26 T	2,2-Dichloropropane	0.785	0.698	11.1	64	0.00
27 T	cis-1,2-Dichloroethene	0.653	0.677	-3.7	72	0.00
28 T	Bromochloromethane	0.382	0.365	4.5	94	0.00
29 T	Tetrahydrofuran	0.094	0.103	-9.6	71	0.00
30 C	Chloroform	1.015	1.062	-4.6#	73	0.00
31 T	Cyclohexane	0.771	0.776	-0.6	73	0.00
32 T	1,1,1-Trichloroethane	0.862	0.890	-3.2	73	0.00
33 S	1,2-Dichloroethane-d4	0.503	0.460	8.5	74	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.00
35 S	Dibromofluoromethane	0.305	0.277	9.2	76	0.00
36 T	1,1-Dichloropropene	0.420	0.416	1.0	72	0.00
37 T	Ethyl Acetate	0.198	0.199	-0.5	69	0.00
38 T	Carbon Tetrachloride	0.440	0.440	0.0	73	0.00
39 T	Methylcyclohexane	0.514	0.538	-4.7	72	0.00
40 TM	Benzene	1.298	1.334	-2.8	73	0.00
41 T	Methacrylonitrile	0.100	0.112	-12.0	79	0.00
42 TM	1,2-Dichloroethane	0.339	0.345	-1.8	72	0.00
43 T	Isopropyl Acetate	0.369	0.384	-4.1	70	0.00
44 TM	Trichloroethene	0.340	0.345	-1.5	72	0.00
45 C	1,2-Dichloropropane	0.297	0.307	-3.4#	74	0.00
46 T	Dibromomethane	0.184	0.184	0.0	70	0.00
47 T	Bromodichloromethane	0.440	0.459	-4.3	73	0.00
48 T	Methyl methacrylate	0.166	0.170	-2.4	67	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	66	0.00
50 S	Toluene-d8	1.173	1.060	9.6	75	0.00
51 T	4-Methyl-2-Pentanone	0.195	0.201	-3.1	69	0.00
52 CM	Toluene	0.834	0.870	-4.3#	73	0.00
53 T	t-1,3-Dichloropropene	0.384	0.395	-2.9	69	0.00
54 T	cis-1,3-Dichloropropene	0.464	0.486	-4.7	73	0.00
55 T	1,1,2-Trichloroethane	0.245	0.253	-3.3	74	0.00
56 T	Ethyl methacrylate	0.321	0.339	-5.6	68	0.00
57 T	1,3-Dichloropropane	0.407	0.427	-4.9	73	0.00
58 T	2-Chloroethyl Vinyl ether	0.155	0.158	-1.9	77	0.00
59 T	2-Hexanone	0.136	0.138	-1.5	66	0.00
60 T	Dibromochloromethane	0.304	0.320	-5.3	72	0.00
61 T	1,2-Dibromoethane	0.226	0.237	-4.9	70	0.00
62 S	4-Bromofluorobenzene	0.370	0.351	5.1	75	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
64 T	Tetrachloroethene	0.357	0.383	-7.3	77	0.00
65 PM	Chlorobenzene	1.033	1.066	-3.2	73	0.00
66 T	1,1,1,2-Tetrachloroethane	0.346	0.358	-3.5	74	0.00
67 C	Ethyl Benzene	1.792	1.862	-3.9#	73	0.00
68 T	m/p-Xylenes	0.697	0.730	-4.7	72	0.00
69 T	o-Xylene	0.671	0.699	-4.2	72	0.00
70 T	Styrene	1.108	1.199	-8.2	73	0.00
71 P	Bromoform	0.190	0.199	-4.7	73	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.00
73 T	Isopropylbenzene	3.651	3.506	4.0	72	0.00
74 T	N-amyl acetate	0.748	0.751	-0.4	69	0.00
75 P	1,1,2,2-Tetrachloroethane	0.648	0.619	4.5	70	0.00
76 T	1,2,3-Trichloropropane	0.469	0.456	2.8	67	0.00
77 T	Bromobenzene	0.844	0.829	1.8	75	0.00
78 T	n-propylbenzene	4.273	4.244	0.7	73	0.00
79 T	2-Chlorotoluene	2.412	2.371	1.7	73	0.00
80 T	1,3,5-Trimethylbenzene	2.894	2.881	0.4	73	0.00
81 T	trans-1,4-Dichloro-2-butene	0.179	0.178	0.6	66	0.00
82 T	4-Chlorotoluene	2.429	2.416	0.5	74	0.00
83 T	tert-Butylbenzene	2.678	2.573	3.9	73	0.00
84 T	1,2,4-Trimethylbenzene	2.892	2.863	1.0	72	0.00
85 T	sec-Butylbenzene	3.820	3.903	-2.2	75	0.00
86 T	p-Isopropyltoluene	3.238	3.253	-0.5	74	0.00
87 T	1,3-Dichlorobenzene	1.703	1.679	1.4	75	0.00
88 T	1,4-Dichlorobenzene	1.671	1.663	0.5	75	0.00
89 T	n-Butylbenzene	2.919	2.991	-2.5	75	0.00
90 T	Hexachloroethane	0.588	0.611	-3.9	75	0.00
91 T	1,2-Dichlorobenzene	1.455	1.474	-1.3	75	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.094	0.088	6.4	67	0.00
93 T	1,2,4-Trichlorobenzene	0.811	0.811	0.0	75	0.00
94 T	Hexachlorobutadiene	0.416	0.437	-5.0	80	0.00
95 T	Naphthalene	1.515	1.544	-1.9	71	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.685	0.692	-1.0	76	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6