

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050824\
 Data File : VY018199.D
 Acq On : 08 May 2024 19:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 09 02:31:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 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	73	0.00
2 T	Dichlorodifluoromethane	0.397	0.433	-9.1	77	0.00
3 P	Chloromethane	0.531	0.627	-18.1	80	0.00
4 C	Vinyl Chloride	0.643	0.780	-21.3#	81	0.00
5 T	Bromomethane	0.447	0.518	-15.9	82	0.00
6 T	Chloroethane	0.408	0.493	-20.8	82	0.00
7 T	Trichlorofluoromethane	0.754	0.857	-13.7	79	0.00
8 T	Diethyl Ether	0.248	0.274	-10.5	79	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.480	0.543	-13.1	78	0.00
10 T	Methyl Iodide	0.561	0.633	-12.8	71	0.00
11 T	Tert butyl alcohol	0.037	0.037	0.0	84	0.00
12 CM	1,1-Dichloroethene	0.484	0.546	-12.8#	76	0.00
13 T	Acrolein	0.040	0.030	25.0#	71	0.00
14 T	Allyl chloride	0.615	0.688	-11.9	77	0.00
15 T	Acrylonitrile	0.095	0.103	-8.4	79	0.00
16 T	Acetone	0.073	0.069	5.5	68	0.00
17 T	Carbon Disulfide	1.316	1.566	-19.0	75	0.00
18 T	Methyl Acetate	0.209	0.220	-5.3	82	0.00
19 T	Methyl tert-butyl Ether	1.077	1.192	-10.7	80	0.00
20 T	Methylene Chloride	0.519	0.656	-26.4#	94	0.00
21 T	trans-1,2-Dichloroethene	0.513	0.584	-13.8	77	0.00
22 T	Diisopropyl ether	1.305	1.435	-10.0	78	0.00
23 T	Vinyl Acetate	0.793	0.861	-8.6	78	0.00
24 P	1,1-Dichloroethane	0.804	0.925	-15.0	80	0.00
25 T	2-Butanone	0.117	0.121	-3.4	76	0.00
26 T	2,2-Dichloropropane	0.727	0.746	-2.6	71	0.00
27 T	cis-1,2-Dichloroethene	0.606	0.674	-11.2	76	0.00
28 T	Bromochloromethane	0.321	0.410	-27.7#	95	0.00
29 T	Tetrahydrofuran	0.077	0.084	-9.1	82	0.00
30 C	Chloroform	0.839	0.934	-11.3#	78	0.00
31 T	Cyclohexane	0.763	0.826	-8.3	77	0.00
32 T	1,1,1-Trichloroethane	0.752	0.839	-11.6	77	0.00
33 S	1,2-Dichloroethane-d4	0.368	0.375	-1.9	91	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	75	0.00
35 S	Dibromofluoromethane	0.263	0.275	-4.6	91	0.00
36 T	1,1-Dichloropropene	0.377	0.417	-10.6	77	0.00
37 T	Ethyl Acetate	0.159	0.170	-6.9	80	0.00
38 T	Carbon Tetrachloride	0.412	0.448	-8.7	76	0.00
39 T	Methylcyclohexane	0.543	0.601	-10.7	75	0.00
40 TM	Benzene	1.212	1.352	-11.6	78	0.00
41 T	Methacrylonitrile	0.092	0.098	-6.5	75	-0.01
42 TM	1,2-Dichloroethane	0.264	0.280	-6.1	78	0.00
43 T	Isopropyl Acetate	0.325	0.350	-7.7	83	0.00
44 TM	Trichloroethene	0.330	0.359	-8.8	76	0.00
45 C	1,2-Dichloropropane	0.265	0.284	-7.2#	76	0.00
46 T	Dibromomethane	0.152	0.162	-6.6	79	0.00
47 T	Bromodichloromethane	0.376	0.409	-8.8	77	0.00
48 T	Methyl methacrylate	0.149	0.159	-6.7	82	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	81	0.00
50 S	Toluene-d8	1.035	1.059	-2.3	89	0.00
51 T	4-Methyl-2-Pentanone	0.163	0.177	-8.6	82	0.00
52 CM	Toluene	0.780	0.843	-8.1#	76	0.00
53 T	t-1,3-Dichloropropene	0.352	0.368	-4.5	75	0.00
54 T	cis-1,3-Dichloropropene	0.430	0.456	-6.0	77	0.00
55 T	1,1,2-Trichloroethane	0.209	0.220	-5.3	78	0.00
56 T	Ethyl methacrylate	0.284	0.310	-9.2	81	0.00
57 T	1,3-Dichloropropane	0.340	0.358	-5.3	77	0.00
58 T	2-Chloroethyl Vinyl ether	0.136	0.169	-24.3	108	0.00
59 T	2-Hexanone	0.114	0.120	-5.3	78	0.00
60 T	Dibromochloromethane	0.271	0.281	-3.7	76	0.00
61 T	1,2-Dibromoethane	0.197	0.205	-4.1	78	0.00
62 S	4-Bromofluorobenzene	0.334	0.325	2.7	88	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	76	0.00
64 T	Tetrachloroethene	0.333	0.368	-10.5	77	0.00
65 PM	Chlorobenzene	1.018	1.098	-7.9	76	0.00
66 T	1,1,1,2-Tetrachloroethane	0.329	0.345	-4.9	76	0.00
67 C	Ethyl Benzene	1.719	1.878	-9.2#	77	0.00
68 T	m/p-Xylenes	0.680	0.734	-7.9	76	0.00
69 T	o-Xylene	0.653	0.696	-6.6	76	0.00
70 T	Styrene	1.090	1.173	-7.6	76	0.00
71 P	Bromoform	0.182	0.190	-4.4	76	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	75	0.00
73 T	Isopropylbenzene	3.749	4.089	-9.1	76	0.00
74 T	N-amyl acetate	0.778	0.865	-11.2	84	0.00
75 P	1,1,2,2-Tetrachloroethane	0.598	0.641	-7.2	80	0.00
76 T	1,2,3-Trichloropropane	0.400	0.416	-4.0	79	0.00
77 T	Bromobenzene	0.861	0.935	-8.6	76	0.00
78 T	n-propylbenzene	4.360	4.728	-8.4	75	0.00
79 T	2-Chlorotoluene	2.423	2.573	-6.2	76	0.00
80 T	1,3,5-Trimethylbenzene	2.956	3.173	-7.3	75	0.00
81 T	trans-1,4-Dichloro-2-butene	0.208	0.218	-4.8	75	0.00
82 T	4-Chlorotoluene	2.434	2.617	-7.5	77	0.00
83 T	tert-Butylbenzene	2.727	3.015	-10.6	77	0.00
84 T	1,2,4-Trimethylbenzene	2.896	3.087	-6.6	75	0.00
85 T	sec-Butylbenzene	3.999	4.305	-7.7	75	0.00
86 T	p-Isopropyltoluene	3.290	3.484	-5.9	73	0.00
87 T	1,3-Dichlorobenzene	1.663	1.739	-4.6	74	0.00
88 T	1,4-Dichlorobenzene	1.621	1.722	-6.2	75	0.00
89 T	n-Butylbenzene	2.978	3.113	-4.5	72	0.00
90 T	Hexachloroethane	0.645	0.677	-5.0	73	0.00
91 T	1,2-Dichlorobenzene	1.430	1.525	-6.6	76	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.081	0.089	-9.9	86	0.00
93 T	1,2,4-Trichlorobenzene	0.804	0.836	-4.0	74	0.00
94 T	Hexachlorobutadiene	0.443	0.453	-2.3	69	0.00
95 T	Naphthalene	1.473	1.601	-8.7	80	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.660	0.723	-9.5	78	0.00

(#) = Out of Range

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