

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100223\
 Data File : VY015794.D
 Acq On : 02 Oct 2023 22:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 03 01:31:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 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	109	0.01
2 T	Dichlorodifluoromethane	0.330	0.335	-1.5	102	0.00
3 P	Chloromethane	0.416	0.419	-0.7	101	0.00
4 C	Vinyl Chloride	0.475	0.504	-6.1#	106	0.01
5 T	Bromomethane	0.361	0.406	-12.5	109	0.01
6 T	Chloroethane	0.352	0.384	-9.1	110	0.01
7 T	Trichlorofluoromethane	0.797	0.837	-5.0	110	0.01
8 T	Diethyl Ether	0.340	0.371	-9.1	113	0.02
9 T	1,1,2-Trichlorotrifluoroeth	0.499	0.540	-8.2	113	0.01
10 T	Methyl Iodide	0.519	0.578	-11.4	103	0.02
11 T	Tert butyl alcohol	0.174	0.145	16.7	148	0.02
12 CM	1,1-Dichloroethene	0.440	0.468	-6.4#	111	0.01
13 T	Acrolein	0.084	0.062	26.2#	80	0.01
14 T	Allyl chloride	0.804	0.857	-6.6	110	0.01
15 T	Acrylonitrile	0.249	0.261	-4.8	114	0.01
16 T	Acetone	0.294	0.236	19.7	91	0.02
17 T	Carbon Disulfide	0.855	0.842	1.5	96	0.01
18 T	Methyl Acetate	0.988	1.191	-20.5	129	0.01
19 T	Methyl tert-butyl Ether	1.792	2.019	-12.7	117	0.02
20 T	Methylene Chloride	0.779	0.689	11.6	114	0.02
21 T	trans-1,2-Dichloroethene	0.503	0.550	-9.3	110	0.02
22 T	Diisopropyl ether	1.936	2.170	-12.1	114	0.02
23 T	Vinyl Acetate	1.195	1.163	2.7	101	0.02
24 P	1,1-Dichloroethane	1.055	1.176	-11.5	115	0.02
25 T	2-Butanone	0.416	0.383	7.9	106	0.02
26 T	2,2-Dichloropropane	0.964	0.915	5.1	106	0.02
27 T	cis-1,2-Dichloroethene	0.667	0.745	-11.7	115	0.02
28 T	Bromochloromethane	0.286	0.261	8.7	97	0.01
29 T	Tetrahydrofuran	0.235	0.245	-4.3	113	0.01
30 C	Chloroform	1.130	1.273	-12.7#	119	0.02
31 T	Cyclohexane	0.762	0.745	2.2	105	0.00
32 T	1,1,1-Trichloroethane	0.933	1.057	-13.3	118	0.02
33 S	1,2-Dichloroethane-d4	0.550	0.503	8.5	110	0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	110	0.01
35 S	Dibromofluoromethane	0.299	0.284	5.0	111	0.00
36 T	1,1-Dichloropropene	0.442	0.466	-5.4	112	0.01
37 T	Ethyl Acetate	0.441	0.437	0.9	109	0.02
38 T	Carbon Tetrachloride	0.480	0.529	-10.2	116	0.02
39 T	Methylcyclohexane	0.489	0.505	-3.3	108	0.01
40 TM	Benzene	1.349	1.461	-8.3	113	0.02
41 T	Methacrylonitrile	0.238	0.250	-5.0	130	0.00
42 TM	1,2-Dichloroethane	0.462	0.495	-7.1	114	0.01
43 T	Isopropyl Acetate	0.754	0.793	-5.2	114	0.02
44 TM	Trichloroethene	0.377	0.413	-9.5	116	0.01
45 C	1,2-Dichloropropane	0.376	0.415	-10.4#	115	0.00
46 T	Dibromomethane	0.241	0.264	-9.5	116	0.02
47 T	Bromodichloromethane	0.537	0.605	-12.7	119	0.01
48 T	Methyl methacrylate	0.331	0.354	-6.9	115	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.005	0.005	0.0	115	0.02
50 S	Toluene-d8	1.015	0.972	4.2	118	0.00
51 T	4-Methyl-2-Pentanone	0.467	0.488	-4.5	114	0.00
52 CM	Toluene	0.870	0.954	-9.7#	114	0.00
53 T	t-1,3-Dichloropropene	0.575	0.615	-7.0	111	0.01
54 T	cis-1,3-Dichloropropene	0.619	0.665	-7.4	113	0.01
55 T	1,1,2-Trichloroethane	0.353	0.383	-8.5	116	0.00
56 T	Ethyl methacrylate	0.520	0.578	-11.2	115	0.00
57 T	1,3-Dichloropropane	0.592	0.649	-9.6	116	0.00
58 T	2-Chloroethyl Vinyl ether	0.165	0.116	29.7#	80	0.01
59 T	2-Hexanone	0.359	0.357	0.6	110	0.00
60 T	Dibromochloromethane	0.412	0.464	-12.6	119	0.00
61 T	1,2-Dibromoethane	0.345	0.373	-8.1	117	0.00
62 S	4-Bromofluorobenzene	0.398	0.366	8.0	110	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	110	0.00
64 T	Tetrachloroethene	0.429	0.520	-21.2	129	0.01
65 PM	Chlorobenzene	1.091	1.187	-8.8	117	0.00
66 T	1,1,1,2-Tetrachloroethane	0.424	0.483	-13.9	120	0.00
67 C	Ethyl Benzene	1.908	2.089	-9.5#	115	0.00
68 T	m/p-Xylenes	0.725	0.788	-8.7	114	0.00
69 T	o-Xylene	0.711	0.785	-10.4	115	0.00
70 T	Styrene	1.217	1.359	-11.7	115	0.00
71 P	Bromoform	0.307	0.347	-13.0	119	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	106	0.00
73 T	Isopropylbenzene	3.751	4.272	-13.9	117	0.00
74 T	N-amyl acetate	1.410	1.510	-7.1	108	0.00
75 P	1,1,2,2-Tetrachloroethane	1.044	1.142	-9.4	116	0.00
76 T	1,2,3-Trichloropropane	0.798	0.808	-1.3	103	0.00
77 T	Bromobenzene	0.921	1.045	-13.5	117	0.00
78 T	n-propylbenzene	4.557	5.126	-12.5	113	0.00
79 T	2-Chlorotoluene	2.597	2.963	-14.1	115	0.00
80 T	1,3,5-Trimethylbenzene	3.140	3.571	-13.7	115	0.00
81 T	trans-1,4-Dichloro-2-butene	0.354	0.365	-3.1	106	0.00
82 T	4-Chlorotoluene	2.712	3.054	-12.6	114	0.00
83 T	tert-Butylbenzene	2.750	3.234	-17.6	119	0.00
84 T	1,2,4-Trimethylbenzene	3.142	3.555	-13.1	113	0.00
85 T	sec-Butylbenzene	4.116	4.728	-14.9	115	0.00
86 T	p-Isopropyltoluene	3.438	3.901	-13.5	114	0.00
87 T	1,3-Dichlorobenzene	1.827	2.053	-12.4	114	0.00
88 T	1,4-Dichlorobenzene	1.827	2.043	-11.8	114	0.00
89 T	n-Butylbenzene	3.256	3.634	-11.6	112	0.00
90 T	Hexachloroethane	0.664	0.776	-16.9	118	0.00
91 T	1,2-Dichlorobenzene	1.686	1.922	-14.0	116	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.207	0.219	-5.8	115	0.00
93 T	1,2,4-Trichlorobenzene	1.062	1.192	-12.2	113	0.00
94 T	Hexachlorobutadiene	0.544	0.608	-11.8	112	0.00
95 T	Naphthalene	2.768	3.126	-12.9	113	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.980	1.089	-11.1	112	0.00

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