

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050323\
 Data File : VY013591.D
 Acq On : 03 May 2023 18:54
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 04 01:22:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 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	108	0.00
2 T	Dichlorodifluoromethane	0.475	0.536	-12.8	119	0.00
3 P	Chloromethane	0.637	0.619	2.8	108	0.00
4 C	Vinyl Chloride	0.634	0.618	2.5#	108	0.00
5 T	Bromomethane	0.506	0.464	8.3	106	0.00
6 T	Chloroethane	0.438	0.416	5.0	109	0.00
7 T	Trichlorofluoromethane	0.961	1.016	-5.7	116	0.00
8 T	Diethyl Ether	0.327	0.351	-7.3	114	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.539	0.579	-7.4	120	0.00
10 T	Methyl Iodide	0.677	0.614	9.3	90	0.00
11 T	Tert butyl alcohol	0.066	0.079	-19.7	149	0.00
12 CM	1,1-Dichloroethene	0.520	0.536	-3.1#	110	0.00
13 T	Acrolein	0.054	0.036	33.3#	86	0.00
14 T	Allyl chloride	0.964	1.007	-4.5	111	0.00
15 T	Acrylonitrile	0.183	0.232	-26.8#	133	0.00
16 T	Acetone	0.216	0.255	-18.1	116	0.00
17 T	Carbon Disulfide	1.688	1.636	3.1	103	0.00
18 T	Methyl Acetate	0.713	0.874	-22.6	131	0.00
19 T	Methyl tert-butyl Ether	1.500	1.741	-16.1	121	0.00
20 T	Methylene Chloride	0.924	0.708	23.4	115	0.00
21 T	trans-1,2-Dichloroethene	0.568	0.609	-7.2	113	0.00
22 T	Diisopropyl ether	1.885	2.104	-11.6	119	0.00
23 T	Vinyl Acetate	1.067	1.394	-30.6#	134	0.00
24 P	1,1-Dichloroethane	1.050	1.136	-8.2	116	0.00
25 T	2-Butanone	0.274	0.345	-25.9#	130	0.00
26 T	2,2-Dichloropropane	0.905	0.973	-7.5	116	0.00
27 T	cis-1,2-Dichloroethene	0.628	0.692	-10.2	118	0.00
28 T	Bromochloromethane	0.373	0.394	-5.6	116	0.00
29 T	Tetrahydrofuran	0.170	0.217	-27.6#	133	0.00
30 C	Chloroform	1.044	1.186	-13.6#	123	0.00
31 T	Cyclohexane	0.981	0.980	0.1	112	0.00
32 T	1,1,1-Trichloroethane	0.932	1.052	-12.9	121	0.00
33 S	1,2-Dichloroethane-d4	0.548	0.592	-8.0	123	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
35 S	Dibromofluoromethane	0.314	0.332	-5.7	118	0.00
36 T	1,1-Dichloropropene	0.522	0.585	-12.1	119	0.00
37 T	Ethyl Acetate	0.393	0.496	-26.2#	127	0.00
38 T	Carbon Tetrachloride	0.547	0.638	-16.6	122	0.00
39 T	Methylcyclohexane	0.615	0.683	-11.1	115	0.00
40 TM	Benzene	1.470	1.658	-12.8	118	0.00
41 T	Methacrylonitrile	0.183	0.218	-19.1	122	0.00
42 TM	1,2-Dichloroethane	0.481	0.583	-21.2	126	0.00
43 T	Isopropyl Acetate	0.663	0.825	-24.4	128	0.00
44 TM	Trichloroethene	0.391	0.442	-13.0	118	0.00
45 C	1,2-Dichloropropane	0.384	0.439	-14.3#	120	0.00
46 T	Dibromomethane	0.230	0.270	-17.4	123	0.00
47 T	Bromodichloromethane	0.515	0.616	-19.6	125	0.00
48 T	Methyl methacrylate	0.304	0.395	-29.9#	128	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.005	-66.7#	139	0.00
50 S	Toluene-d8	1.119	1.142	-2.1	115	0.00
51 T	4-Methyl-2-Pentanone	0.369	0.492	-33.3#	134	0.00
52 CM	Toluene	0.885	1.030	-16.4#	121	0.00
53 T	t-1,3-Dichloropropene	0.545	0.653	-19.8	123	0.00
54 T	cis-1,3-Dichloropropene	0.613	0.708	-15.5	120	0.00
55 T	1,1,2-Trichloroethane	0.305	0.375	-23.0	129	0.00
56 T	Ethyl methacrylate	0.423	0.543	-28.4#	127	0.00
57 T	1,3-Dichloropropane	0.516	0.621	-20.3	126	0.00
58 T	2-Chloroethyl Vinyl ether	0.158	0.187	-18.4	133	0.00
59 T	2-Hexanone	0.269	0.368	-36.8#	134	0.00
60 T	Dibromochloromethane	0.370	0.450	-21.6	125	0.00
61 T	1,2-Dibromoethane	0.299	0.364	-21.7	125	0.00
62 S	4-Bromofluorobenzene	0.377	0.418	-10.9	126	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	110	0.00
64 T	Tetrachloroethene	0.380	0.437	-15.0	125	0.00
65 PM	Chlorobenzene	1.089	1.218	-11.8	122	0.00
66 T	1,1,1,2-Tetrachloroethane	0.407	0.476	-17.0	129	0.00
67 C	Ethyl Benzene	1.913	2.203	-15.2#	124	0.00
68 T	m/p-Xylenes	0.727	0.833	-14.6	123	0.00
69 T	o-Xylene	0.688	0.783	-13.8	121	0.00
70 T	Styrene	1.150	1.351	-17.5	125	0.00
71 P	Bromoform	0.285	0.357	-25.3#	135	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	116	0.00
73 T	Isopropylbenzene	3.782	4.165	-10.1	124	0.00
74 T	N-amyl acetate	1.346	1.635	-21.5	131	0.00
75 P	1,1,2,2-Tetrachloroethane	0.924	1.082	-17.1	132	0.00
76 T	1,2,3-Trichloropropane	0.674	0.769	-14.1	127	0.00
77 T	Bromobenzene	0.916	1.053	-15.0	129	0.00
78 T	n-propylbenzene	4.658	5.153	-10.6	124	0.00
79 T	2-Chlorotoluene	2.601	2.888	-11.0	125	0.00
80 T	1,3,5-Trimethylbenzene	3.087	3.489	-13.0	126	0.00
81 T	trans-1,4-Dichloro-2-butene	0.330	0.382	-15.8	125	0.00
82 T	4-Chlorotoluene	2.711	2.996	-10.5	125	0.00
83 T	tert-Butylbenzene	2.674	3.053	-14.2	128	0.00
84 T	1,2,4-Trimethylbenzene	3.001	3.475	-15.8	128	0.00
85 T	sec-Butylbenzene	4.014	4.467	-11.3	125	0.00
86 T	p-Isopropyltoluene	3.228	3.695	-14.5	129	0.00
87 T	1,3-Dichlorobenzene	1.746	1.965	-12.5	128	0.00
88 T	1,4-Dichlorobenzene	1.764	1.974	-11.9	129	0.00
89 T	n-Butylbenzene	3.150	3.563	-13.1	128	0.00
90 T	Hexachloroethane	0.679	0.742	-9.3	127	0.00
91 T	1,2-Dichlorobenzene	1.577	1.833	-16.2	131	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.163	0.209	-28.2#	148	0.00
93 T	1,2,4-Trichlorobenzene	0.940	1.185	-26.1#	144	0.00
94 T	Hexachlorobutadiene	0.547	0.680	-24.3	147	0.00
95 T	Naphthalene	2.039	2.799	-37.3#	151#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.838	1.077	-28.5#	145	0.00

(#) = Out of Range

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