

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050223\
 Data File : VY013545.D
 Acq On : 02 May 2023 09:56
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 03 01:31:23 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	120	0.00
2 T	Dichlorodifluoromethane	0.475	0.499	-5.1	122	0.00
3 P	Chloromethane	0.637	0.551	13.5	106	0.00
4 C	Vinyl Chloride	0.634	0.551	13.1#	106	0.00
5 T	Bromomethane	0.506	0.410	19.0	104	0.00
6 T	Chloroethane	0.438	0.355	18.9	102	0.00
7 T	Trichlorofluoromethane	0.961	0.952	0.9	119	0.00
8 T	Diethyl Ether	0.327	0.304	7.0	109	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.539	0.513	4.8	117	0.00
10 T	Methyl Iodide	0.677	0.650	4.0	105	0.00
11 T	Tert butyl alcohol	0.066	0.059	10.6	124	0.00
12 CM	1,1-Dichloroethene	0.520	0.491	5.6#	112	0.00
13 T	Acrolein	0.054	0.039	27.8#	103	0.00
14 T	Allyl chloride	0.964	0.887	8.0	108	0.00
15 T	Acrylonitrile	0.183	0.185	-1.1	117	0.00
16 T	Acetone	0.216	0.239	-10.6	121	0.00
17 T	Carbon Disulfide	1.688	1.518	10.1	105	0.00
18 T	Methyl Acetate	0.713	0.685	3.9	113	0.00
19 T	Methyl tert-butyl Ether	1.500	1.471	1.9	113	0.00
20 T	Methylene Chloride	0.924	0.608	34.2#	109	0.00
21 T	trans-1,2-Dichloroethene	0.568	0.555	2.3	114	0.00
22 T	Diisopropyl ether	1.885	1.841	2.3	115	0.00
23 T	Vinyl Acetate	1.067	1.176	-10.2	125	0.00
24 P	1,1-Dichloroethane	1.050	1.012	3.6	115	0.00
25 T	2-Butanone	0.274	0.292	-6.6	121	0.00
26 T	2,2-Dichloropropane	0.905	0.926	-2.3	122	0.00
27 T	cis-1,2-Dichloroethene	0.628	0.626	0.3	118	0.00
28 T	Bromochloromethane	0.373	0.358	4.0	116	0.00
29 T	Tetrahydrofuran	0.170	0.170	0.0	115	0.00
30 C	Chloroform	1.044	1.062	-1.7#	122	0.00
31 T	Cyclohexane	0.981	0.875	10.8	111	0.00
32 T	1,1,1-Trichloroethane	0.932	0.949	-1.8	121	0.00
33 S	1,2-Dichloroethane-d4	0.548	0.554	-1.1	127	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	113	0.00
35 S	Dibromofluoromethane	0.314	0.339	-8.0	129	0.00
36 T	1,1-Dichloropropene	0.522	0.537	-2.9	117	0.00
37 T	Ethyl Acetate	0.393	0.406	-3.3	111	0.00
38 T	Carbon Tetrachloride	0.547	0.607	-11.0	124	0.00
39 T	Methylcyclohexane	0.615	0.627	-2.0	113	0.00
40 TM	Benzene	1.470	1.548	-5.3	118	0.00
41 T	Methacrylonitrile	0.183	0.189	-3.3	113	0.00
42 TM	1,2-Dichloroethane	0.481	0.532	-10.6	123	0.00
43 T	Isopropyl Acetate	0.663	0.686	-3.5	113	0.00
44 TM	Trichloroethene	0.391	0.409	-4.6	117	0.00
45 C	1,2-Dichloropropane	0.384	0.401	-4.4#	117	0.00
46 T	Dibromomethane	0.230	0.244	-6.1	118	0.00
47 T	Bromodichloromethane	0.515	0.565	-9.7	122	0.00
48 T	Methyl methacrylate	0.304	0.320	-5.3	111	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.004	-33.3#	121	0.00
50 S	Toluene-d8	1.119	1.172	-4.7	126	0.00
51 T	4-Methyl-2-Pentanone	0.369	0.405	-9.8	117	0.00
52 CM	Toluene	0.885	0.973	-9.9#	122	0.00
53 T	t-1,3-Dichloropropene	0.545	0.595	-9.2	119	0.00
54 T	cis-1,3-Dichloropropene	0.613	0.650	-6.0	118	0.00
55 T	1,1,2-Trichloroethane	0.305	0.328	-7.5	120	0.00
56 T	Ethyl methacrylate	0.423	0.477	-12.8	119	0.00
57 T	1,3-Dichloropropane	0.516	0.562	-8.9	122	0.00
58 T	2-Chloroethyl Vinyl ether	0.158	0.157	0.6	119	0.00
59 T	2-Hexanone	0.269	0.312	-16.0	121	0.00
60 T	Dibromochloromethane	0.370	0.413	-11.6	122	0.00
61 T	1,2-Dibromoethane	0.299	0.319	-6.7	117	0.00
62 S	4-Bromofluorobenzene	0.377	0.423	-12.2	136	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	117	0.00
64 T	Tetrachloroethene	0.380	0.396	-4.2	122	0.00
65 PM	Chlorobenzene	1.089	1.138	-4.5	122	0.00
66 T	1,1,1,2-Tetrachloroethane	0.407	0.445	-9.3	128	0.00
67 C	Ethyl Benzene	1.913	2.041	-6.7#	123	0.00
68 T	m/p-Xylenes	0.727	0.786	-8.1	124	0.00
69 T	o-Xylene	0.688	0.734	-6.7	121	0.00
70 T	Styrene	1.150	1.258	-9.4	125	0.00
71 P	Bromoform	0.285	0.319	-11.9	129	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	125	0.00
73 T	Isopropylbenzene	3.782	3.834	-1.4	123	0.00
74 T	N-amyl acetate	1.346	1.363	-1.3	118	0.00
75 P	1,1,2,2-Tetrachloroethane	0.924	0.927	-0.3	122	0.00
76 T	1,2,3-Trichloropropane	0.674	0.743	-10.2	132	0.00
77 T	Bromobenzene	0.916	0.961	-4.9	128	0.00
78 T	n-propylbenzene	4.658	4.752	-2.0	124	0.00
79 T	2-Chlorotoluene	2.601	2.645	-1.7	124	0.00
80 T	1,3,5-Trimethylbenzene	3.087	3.205	-3.8	125	0.00
81 T	trans-1,4-Dichloro-2-butene	0.330	0.336	-1.8	119	0.00
82 T	4-Chlorotoluene	2.711	2.748	-1.4	123	0.00
83 T	tert-Butylbenzene	2.674	2.714	-1.5	122	0.00
84 T	1,2,4-Trimethylbenzene	3.001	3.173	-5.7	126	0.00
85 T	sec-Butylbenzene	4.014	4.103	-2.2	124	0.00
86 T	p-Isopropyltoluene	3.228	3.409	-5.6	128	0.00
87 T	1,3-Dichlorobenzene	1.746	1.833	-5.0	129	0.00
88 T	1,4-Dichlorobenzene	1.764	1.807	-2.4	128	0.00
89 T	n-Butylbenzene	3.150	3.273	-3.9	127	0.00
90 T	Hexachloroethane	0.679	0.679	0.0	126	0.00
91 T	1,2-Dichlorobenzene	1.577	1.670	-5.9	129	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.163	0.169	-3.7	129	0.00
93 T	1,2,4-Trichlorobenzene	0.940	1.057	-12.4	139	0.00
94 T	Hexachlorobutadiene	0.547	0.636	-16.3	148	0.00
95 T	Naphthalene	2.039	2.278	-11.7	132	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.838	0.950	-13.4	138	0.00

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