

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050223\
 Data File : VY013567.D
 Acq On : 02 May 2023 19:17
 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 03 01:35:30 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	0.494	-4.0	109	0.00
3 P	Chloromethane	0.637	0.570	10.5	99	0.00
4 C	Vinyl Chloride	0.634	0.573	9.6#	100	0.00
5 T	Bromomethane	0.506	0.442	12.6	101	0.00
6 T	Chloroethane	0.438	0.398	9.1	104	0.00
7 T	Trichlorofluoromethane	0.961	0.962	-0.1	109	0.00
8 T	Diethyl Ether	0.327	0.348	-6.4	113	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.539	0.542	-0.6	112	0.00
10 T	Methyl Iodide	0.677	0.639	5.6	94	0.00
11 T	Tert butyl alcohol	0.066	0.078	-18.2	147	0.01
12 CM	1,1-Dichloroethene	0.520	0.511	1.7#	105	0.00
13 T	Acrolein	0.054	0.049	9.3	119	0.00
14 T	Allyl chloride	0.964	0.963	0.1	106	0.00
15 T	Acrylonitrile	0.183	0.233	-27.3#	133	0.00
16 T	Acetone	0.216	0.268	-24.1	122	0.00
17 T	Carbon Disulfide	1.688	1.592	5.7	100	0.00
18 T	Methyl Acetate	0.713	0.874	-22.6	131	0.00
19 T	Methyl tert-butyl Ether	1.500	1.689	-12.6	118	0.00
20 T	Methylene Chloride	0.924	0.710	23.2	116	0.00
21 T	trans-1,2-Dichloroethene	0.568	0.586	-3.2	109	0.00
22 T	Diisopropyl ether	1.885	2.046	-8.5	115	0.00
23 T	Vinyl Acetate	1.067	1.361	-27.6#	131	0.00
24 P	1,1-Dichloroethane	1.050	1.101	-4.9	113	0.00
25 T	2-Butanone	0.274	0.344	-25.5#	129	0.00
26 T	2,2-Dichloropropane	0.905	0.934	-3.2	111	0.00
27 T	cis-1,2-Dichloroethene	0.628	0.675	-7.5	115	0.00
28 T	Bromochloromethane	0.373	0.386	-3.5	113	0.00
29 T	Tetrahydrofuran	0.170	0.222	-30.6#	135	0.00
30 C	Chloroform	1.044	1.156	-10.7#	120	0.00
31 T	Cyclohexane	0.981	0.917	6.5	105	0.00
32 T	1,1,1-Trichloroethane	0.932	1.011	-8.5	117	0.00
33 S	1,2-Dichloroethane-d4	0.548	0.584	-6.6	122	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
35 S	Dibromofluoromethane	0.314	0.331	-5.4	119	0.00
36 T	1,1-Dichloropropene	0.522	0.544	-4.2	111	0.00
37 T	Ethyl Acetate	0.393	0.498	-26.7#	129	0.00
38 T	Carbon Tetrachloride	0.547	0.608	-11.2	117	0.00
39 T	Methylcyclohexane	0.615	0.637	-3.6	108	0.00
40 TM	Benzene	1.470	1.599	-8.8	114	0.00
41 T	Methacrylonitrile	0.183	0.245	-33.9#	138	0.00
42 TM	1,2-Dichloroethane	0.481	0.573	-19.1	124	0.00
43 T	Isopropyl Acetate	0.663	0.811	-22.3	126	0.00
44 TM	Trichloroethene	0.391	0.426	-9.0	115	0.00
45 C	1,2-Dichloropropane	0.384	0.424	-10.4#	116	0.00
46 T	Dibromomethane	0.230	0.271	-17.8	123	0.00
47 T	Bromodichloromethane	0.515	0.598	-16.1	122	0.00
48 T	Methyl methacrylate	0.304	0.379	-24.7	124	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.005	-66.7#	143	0.00
50 S	Toluene-d8	1.119	1.123	-0.4	114	0.00
51 T	4-Methyl-2-Pentanone	0.369	0.495	-34.1#	135	0.00
52 CM	Toluene	0.885	0.987	-11.5#	116	0.00
53 T	t-1,3-Dichloropropene	0.545	0.634	-16.3	120	0.00
54 T	cis-1,3-Dichloropropene	0.613	0.683	-11.4	117	0.00
55 T	1,1,2-Trichloroethane	0.305	0.360	-18.0	124	0.00
56 T	Ethyl methacrylate	0.423	0.533	-26.0#	125	0.00
57 T	1,3-Dichloropropane	0.516	0.619	-20.0	126	0.00
58 T	2-Chloroethyl Vinyl ether	0.158	0.176	-11.4	126	0.00
59 T	2-Hexanone	0.269	0.371	-37.9#	135	0.00
60 T	Dibromochloromethane	0.370	0.445	-20.3	124	0.00
61 T	1,2-Dibromoethane	0.299	0.359	-20.1	124	0.00
62 S	4-Bromofluorobenzene	0.377	0.409	-8.5	123	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.00
64 T	Tetrachloroethene	0.380	0.422	-11.1	122	0.00
65 PM	Chlorobenzene	1.089	1.186	-8.9	120	0.00
66 T	1,1,1,2-Tetrachloroethane	0.407	0.463	-13.8	126	0.00
67 C	Ethyl Benzene	1.913	2.108	-10.2#	119	0.00
68 T	m/p-Xylenes	0.727	0.794	-9.2	118	0.00
69 T	o-Xylene	0.688	0.760	-10.5	118	0.00
70 T	Styrene	1.150	1.317	-14.5	123	0.00
71 P	Bromoform	0.285	0.353	-23.9	134	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	117	0.00
73 T	Isopropylbenzene	3.782	3.936	-4.1	119	0.00
74 T	N-amyl acetate	1.346	1.557	-15.7	126	0.00
75 P	1,1,2,2-Tetrachloroethane	0.924	1.068	-15.6	132	0.00
76 T	1,2,3-Trichloropropane	0.674	0.786	-16.6	131	0.00
77 T	Bromobenzene	0.916	1.005	-9.7	125	0.00
78 T	n-propylbenzene	4.658	4.861	-4.4	119	0.00
79 T	2-Chlorotoluene	2.601	2.732	-5.0	120	0.00
80 T	1,3,5-Trimethylbenzene	3.087	3.299	-6.9	121	0.00
81 T	trans-1,4-Dichloro-2-butene	0.330	0.372	-12.7	123	0.00
82 T	4-Chlorotoluene	2.711	2.834	-4.5	119	0.00
83 T	tert-Butylbenzene	2.674	2.845	-6.4	120	0.00
84 T	1,2,4-Trimethylbenzene	3.001	3.304	-10.1	123	0.00
85 T	sec-Butylbenzene	4.014	4.174	-4.0	119	0.00
86 T	p-Isopropyltoluene	3.228	3.445	-6.7	121	0.00
87 T	1,3-Dichlorobenzene	1.746	1.870	-7.1	124	0.00
88 T	1,4-Dichlorobenzene	1.764	1.872	-6.1	124	0.00
89 T	n-Butylbenzene	3.150	3.247	-3.1	118	0.00
90 T	Hexachloroethane	0.679	0.687	-1.2	119	0.00
91 T	1,2-Dichlorobenzene	1.577	1.724	-9.3	125	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.163	0.205	-25.8#	147	0.00
93 T	1,2,4-Trichlorobenzene	0.940	1.068	-13.6	132	0.00
94 T	Hexachlorobutadiene	0.547	0.594	-8.6	130	0.00
95 T	Naphthalene	2.039	2.605	-27.8#	142	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.838	0.997	-19.0	136	0.00

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