

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050523\
 Data File : VY013614.D
 Acq On : 05 May 2023 10:14
 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 08 00:22:48 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	103	0.00
2 T	Dichlorodifluoromethane	0.475	0.488	-2.7	102	0.00
3 P	Chloromethane	0.637	0.539	15.4	89	0.00
4 C	Vinyl Chloride	0.634	0.548	13.6#	91	0.00
5 T	Bromomethane	0.506	0.413	18.4	90	0.00
6 T	Chloroethane	0.438	0.364	16.9	90	0.00
7 T	Trichlorofluoromethane	0.961	0.955	0.6	103	0.00
8 T	Diethyl Ether	0.327	0.307	6.1	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.539	0.524	2.8	103	0.00
10 T	Methyl Iodide	0.677	0.599	11.5	84	0.00
11 T	Tert butyl alcohol	0.066	0.058	12.1	104	0.00
12 CM	1,1-Dichloroethene	0.520	0.481	7.5#	94	0.00
13 T	Acrolein	0.054	0.037	31.5#	85	0.00
14 T	Allyl chloride	0.964	0.866	10.2	90	0.00
15 T	Acrylonitrile	0.183	0.189	-3.3	102	0.00
16 T	Acetone	0.216	0.220	-1.9	95	0.00
17 T	Carbon Disulfide	1.688	1.431	15.2	85	0.00
18 T	Methyl Acetate	0.713	0.696	2.4	99	0.00
19 T	Methyl tert-butyl Ether	1.500	1.513	-0.9	100	0.00
20 T	Methylene Chloride	0.924	0.627	32.1#	97	0.00
21 T	trans-1,2-Dichloroethene	0.568	0.548	3.5	97	0.00
22 T	Diisopropyl ether	1.885	1.879	0.3	100	0.00
23 T	Vinyl Acetate	1.067	1.187	-11.2	108	0.00
24 P	1,1-Dichloroethane	1.050	1.017	3.1	99	0.00
25 T	2-Butanone	0.274	0.282	-2.9	101	0.00
26 T	2,2-Dichloropropane	0.905	0.925	-2.2	105	0.00
27 T	cis-1,2-Dichloroethene	0.628	0.632	-0.6	102	0.00
28 T	Bromochloromethane	0.373	0.371	0.5	103	0.00
29 T	Tetrahydrofuran	0.170	0.173	-1.8	100	0.00
30 C	Chloroform	1.044	1.100	-5.4#	109	0.00
31 T	Cyclohexane	0.981	0.857	12.6	93	0.00
32 T	1,1,1-Trichloroethane	0.932	0.971	-4.2	106	0.00
33 S	1,2-Dichloroethane-d4	0.548	0.568	-3.6	112	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35 S	Dibromofluoromethane	0.314	0.339	-8.0	113	0.00
36 T	1,1-Dichloropropene	0.522	0.530	-1.5	100	0.00
37 T	Ethyl Acetate	0.393	0.410	-4.3	98	0.00
38 T	Carbon Tetrachloride	0.547	0.606	-10.8	108	0.00
39 T	Methylcyclohexane	0.615	0.617	-0.3	97	0.00
40 TM	Benzene	1.470	1.542	-4.9	102	0.00
41 T	Methacrylonitrile	0.183	0.224	-22.4	117	0.02
42 TM	1,2-Dichloroethane	0.481	0.533	-10.8	107	0.00
43 T	Isopropyl Acetate	0.663	0.687	-3.6	99	0.00
44 TM	Trichloroethene	0.391	0.401	-2.6	100	0.00
45 C	1,2-Dichloropropane	0.384	0.402	-4.7#	102	0.00
46 T	Dibromomethane	0.230	0.245	-6.5	103	0.00
47 T	Bromodichloromethane	0.515	0.578	-12.2	109	0.00
48 T	Methyl methacrylate	0.304	0.320	-5.3	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.004	-33.3#	102	0.00
50 S	Toluene-d8	1.119	1.147	-2.5	108	0.00
51 T	4-Methyl-2-Pentanone	0.369	0.410	-11.1	104	0.00
52 CM	Toluene	0.885	0.963	-8.8#	105	0.00
53 T	t-1,3-Dichloropropene	0.545	0.596	-9.4	104	0.00
54 T	cis-1,3-Dichloropropene	0.613	0.647	-5.5	102	0.00
55 T	1,1,2-Trichloroethane	0.305	0.338	-10.8	108	0.00
56 T	Ethyl methacrylate	0.423	0.475	-12.3	103	0.00
57 T	1,3-Dichloropropane	0.516	0.563	-9.1	106	0.00
58 T	2-Chloroethyl Vinyl ether	0.158	0.167	-5.7	111	0.00
59 T	2-Hexanone	0.269	0.305	-13.4	103	0.00
60 T	Dibromochloromethane	0.370	0.418	-13.0	108	0.00
61 T	1,2-Dibromoethane	0.299	0.321	-7.4	102	0.00
62 S	4-Bromofluorobenzene	0.377	0.419	-11.1	117	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
64 T	Tetrachloroethene	0.380	0.391	-2.9	106	0.00
65 PM	Chlorobenzene	1.089	1.130	-3.8	107	0.00
66 T	1,1,1,2-Tetrachloroethane	0.407	0.445	-9.3	113	0.00
67 C	Ethyl Benzene	1.913	2.045	-6.9#	108	0.00
68 T	m/p-Xylenes	0.727	0.775	-6.6	108	0.00
69 T	o-Xylene	0.688	0.729	-6.0	106	0.00
70 T	Styrene	1.150	1.268	-10.3	110	0.00
71 P	Bromoform	0.285	0.320	-12.3	114	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	111	0.00
73 T	Isopropylbenzene	3.782	3.817	-0.9	108	0.00
74 T	N-amyl acetate	1.346	1.315	2.3	100	0.00
75 P	1,1,2,2-Tetrachloroethane	0.924	0.922	0.2	107	0.00
76 T	1,2,3-Trichloropropane	0.674	0.715	-6.1	112	0.00
77 T	Bromobenzene	0.916	0.956	-4.4	112	0.00
78 T	n-propylbenzene	4.658	4.777	-2.6	110	0.00
79 T	2-Chlorotoluene	2.601	2.642	-1.6	109	0.00
80 T	1,3,5-Trimethylbenzene	3.087	3.224	-4.4	111	0.00
81 T	trans-1,4-Dichloro-2-butene	0.330	0.327	0.9	102	0.00
82 T	4-Chlorotoluene	2.711	2.776	-2.4	110	0.00
83 T	tert-Butylbenzene	2.674	2.761	-3.3	110	0.00
84 T	1,2,4-Trimethylbenzene	3.001	3.179	-5.9	112	0.00
85 T	sec-Butylbenzene	4.014	4.079	-1.6	109	0.00
86 T	p-Isopropyltoluene	3.228	3.422	-6.0	114	0.00
87 T	1,3-Dichlorobenzene	1.746	1.815	-4.0	113	0.00
88 T	1,4-Dichlorobenzene	1.764	1.788	-1.4	112	0.00
89 T	n-Butylbenzene	3.150	3.205	-1.7	110	0.00
90 T	Hexachloroethane	0.679	0.670	1.3	110	0.00
91 T	1,2-Dichlorobenzene	1.577	1.651	-4.7	113	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.163	0.166	-1.8	112	0.00
93 T	1,2,4-Trichlorobenzene	0.940	1.014	-7.9	118	0.00
94 T	Hexachlorobutadiene	0.547	0.615	-12.4	127	0.00
95 T	Naphthalene	2.039	2.168	-6.3	111	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.838	0.924	-10.3	119	0.00

(#) = Out of Range

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