

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051123\
 Data File : VY013723.D
 Acq On : 11 May 2023 18:07
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 12 04:46:55 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	168#	0.00
2 T	Dichlorodifluoromethane	0.475	0.267	43.8#	92	0.00
3 P	Chloromethane	0.637	0.343	46.2#	93	0.00
4 C	Vinyl Chloride	0.634	0.340	46.4#	92	0.00
5 T	Bromomethane	0.506	0.259	48.8#	92	-0.01
6 T	Chloroethane	0.438	0.223	49.1#	90	0.00
7 T	Trichlorofluoromethane	0.961	0.539	43.9#	95	0.00
8 T	Diethyl Ether	0.327	0.185	43.4#	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.539	0.310	42.5#	100	0.00
10 T	Methyl Iodide	0.677	0.350	48.3#	80	0.00
11 T	Tert butyl alcohol	0.066	0.044	33.3#	128	-0.03
12 CM	1,1-Dichloroethene	0.520	0.285	45.2#	91	0.00
13 T	Acrolein	0.054	0.020	63.0#	76	0.00
14 T	Allyl chloride	0.964	0.556	42.3#	95	0.00
15 T	Acrylonitrile	0.183	0.109	40.4#	97	0.00
16 T	Acetone	0.216	0.122	43.5#	86	0.00
17 T	Carbon Disulfide	1.688	0.804	52.4#	78	0.00
18 T	Methyl Acetate	0.713	0.420	41.1#	98	0.00
19 T	Methyl tert-butyl Ether	1.500	0.907	39.5#	98	0.00
20 T	Methylene Chloride	0.924	0.399	56.8#	101	-0.01
21 T	trans-1,2-Dichloroethene	0.568	0.321	43.5#	93	0.00
22 T	Diisopropyl ether	1.885	1.208	35.9#	106	0.00
23 T	Vinyl Acetate	1.067	0.728	31.8#	109	0.00
24 P	1,1-Dichloroethane	1.050	0.641	39.0#	102	0.00
25 T	2-Butanone	0.274	0.162	40.9#	95	0.00
26 T	2,2-Dichloropropane	0.905	0.558	38.3#	103	0.00
27 T	cis-1,2-Dichloroethene	0.628	0.376	40.1#	100	0.00
28 T	Bromochloromethane	0.373	0.226	39.4#	103	0.00
29 T	Tetrahydrofuran	0.170	0.099	41.8#	94	0.00
30 C	Chloroform	1.044	0.646	38.1#	105	0.00
31 T	Cyclohexane	0.981	0.542	44.8#	97	0.00
32 T	1,1,1-Trichloroethane	0.932	0.570	38.8#	102	0.00
33 S	1,2-Dichloroethane-d4	0.548	0.627	-14.4	203#	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	169#	0.00
35 S	Dibromofluoromethane	0.314	0.347	-10.5	198#	0.00
36 T	1,1-Dichloropropene	0.522	0.301	42.3#	98	0.00
37 T	Ethyl Acetate	0.393	0.223	43.3#	92	0.00
38 T	Carbon Tetrachloride	0.547	0.329	39.9#	100	0.00
39 T	Methylcyclohexane	0.615	0.346	43.7#	93	0.00
40 TM	Benzene	1.470	0.867	41.0#	99	0.00
41 T	Methacrylonitrile	0.183	0.090	50.8#	80	0.00
42 TM	1,2-Dichloroethane	0.481	0.293	39.1#	101	0.00
43 T	Isopropyl Acetate	0.663	0.398	40.0#	98	0.00
44 TM	Trichloroethene	0.391	0.222	43.2#	95	0.00
45 C	1,2-Dichloropropane	0.384	0.235	38.8#	102	0.00
46 T	Dibromomethane	0.230	0.134	41.7#	97	0.00
47 T	Bromodichloromethane	0.515	0.320	37.9#	104	0.00
48 T	Methyl methacrylate	0.304	0.181	40.5#	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.002	33.3#	87	0.00
50 S	Toluene-d8	1.119	1.197	-7.0	193#	0.00
51 T	4-Methyl-2-Pentanone	0.369	0.218	40.9#	95	0.00
52 CM	Toluene	0.885	0.524	40.8#	98	0.00
53 T	t-1,3-Dichloropropene	0.545	0.331	39.3#	99	0.00
54 T	cis-1,3-Dichloropropene	0.613	0.362	40.9#	98	0.00
55 T	1,1,2-Trichloroethane	0.305	0.181	40.7#	99	0.00
56 T	Ethyl methacrylate	0.423	0.261	38.3#	98	0.00
57 T	1,3-Dichloropropane	0.516	0.312	39.5#	101	0.00
58 T	2-Chloroethyl Vinyl ether	0.158	0.091	42.4#	104	0.00
59 T	2-Hexanone	0.269	0.157	41.6#	91	0.00
60 T	Dibromochloromethane	0.370	0.224	39.5#	99	0.00
61 T	1,2-Dibromoethane	0.299	0.176	41.1#	97	0.00
62 S	4-Bromofluorobenzene	0.377	0.434	-15.1	208#	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	176#	0.00
64 T	Tetrachloroethene	0.380	0.211	44.5#	97	0.00
65 PM	Chlorobenzene	1.089	0.617	43.3#	99	0.00
66 T	1,1,1,2-Tetrachloroethane	0.407	0.243	40.3#	105	0.00
67 C	Ethyl Benzene	1.913	1.126	41.1#	101	0.00
68 T	m/p-Xylenes	0.727	0.422	42.0#	100	0.00
69 T	o-Xylene	0.688	0.400	41.9#	99	0.00
70 T	Styrene	1.150	0.691	39.9#	102	0.00
71 P	Bromoform	0.285	0.166	41.8#	100	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	181#	0.00
73 T	Isopropylbenzene	3.782	2.199	41.9#	102	0.00
74 T	N-amyl acetate	1.346	0.774	42.5#	97	0.00
75 P	1,1,2,2-Tetrachloroethane	0.924	0.516	44.2#	98	0.00
76 T	1,2,3-Trichloropropane	0.674	0.342	49.3#	88	0.00
77 T	Bromobenzene	0.916	0.524	42.8#	101	0.00
78 T	n-propylbenzene	4.658	2.714	41.7#	102	0.00
79 T	2-Chlorotoluene	2.601	1.514	41.8#	103	0.00
80 T	1,3,5-Trimethylbenzene	3.087	1.825	40.9#	103	0.00
81 T	trans-1,4-Dichloro-2-butene	0.330	0.180	45.5#	92	0.00
82 T	4-Chlorotoluene	2.711	1.547	42.9#	101	0.00
83 T	tert-Butylbenzene	2.674	1.616	39.6#	106	0.00
84 T	1,2,4-Trimethylbenzene	3.001	1.796	40.2#	103	0.00
85 T	sec-Butylbenzene	4.014	2.369	41.0#	104	0.00
86 T	p-Isopropyltoluene	3.228	1.945	39.7#	106	0.00
87 T	1,3-Dichlorobenzene	1.746	1.012	42.0#	103	0.00
88 T	1,4-Dichlorobenzene	1.764	1.001	43.3#	102	0.00
89 T	n-Butylbenzene	3.150	1.880	40.3#	105	0.00
90 T	Hexachloroethane	0.679	0.395	41.8#	106	0.00
91 T	1,2-Dichlorobenzene	1.577	0.915	42.0#	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.163	0.088	46.0#	98	0.00
93 T	1,2,4-Trichlorobenzene	0.940	0.565	39.9#	108	0.00
94 T	Hexachlorobutadiene	0.547	0.342	37.5#	116	0.00
95 T	Naphthalene	2.039	1.212	40.6#	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.838	0.509	39.3#	107	0.00

(#) = Out of Range

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