

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY008995.D
 Acq On : 23 May 2022 10:33
 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 24 01:45:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 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	83	0.00
2 T	Dichlorodifluoromethane	0.457	0.509	-11.4	88	0.00
3 P	Chloromethane	0.655	0.794	-21.2	95	0.00
4 C	Vinyl Chloride	0.971	1.104	-13.7#	90	0.00
5 T	Bromomethane	0.951	0.870	8.5	87	0.00
6 T	Chloroethane	0.688	0.748	-8.7	91	0.00
7 T	Trichlorofluoromethane	0.824	0.884	-7.3	87	0.00
8 T	Diethyl Ether	0.258	0.273	-5.8	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.507	0.548	-8.1	87	0.00
10 T	Methyl Iodide	0.523	0.613	-17.2	83	0.00
11 T	Tert butyl alcohol	0.052	0.046	11.5	75	0.00
12 CM	1,1-Dichloroethene	0.470	0.510	-8.5#	88	0.00
13 T	Acrolein	0.017	0.010	41.2#	87	0.00
14 T	Allyl chloride	0.709	0.789	-11.3	89	0.00
15 T	Acrylonitrile	0.144	0.150	-4.2	86	0.00
16 T	Acetone	0.107	0.120	-12.1	95	0.00
17 T	Carbon Disulfide	1.536	1.691	-10.1	88	0.00
18 T	Methyl Acetate	0.334	0.328	1.8	80	0.00
19 T	Methyl tert-butyl Ether	1.412	1.497	-6.0	86	0.00
20 T	Methylene Chloride	0.788	0.595	24.5	80	0.00
21 T	trans-1,2-Dichloroethene	0.604	0.641	-6.1	88	0.00
22 T	Diisopropyl ether	1.703	1.938	-13.8	91	0.00
23 T	Vinyl Acetate	1.126	1.264	-12.3	87	0.00
24 P	1,1-Dichloroethane	1.018	1.120	-10.0	90	0.00
25 T	2-Butanone	0.191	0.205	-7.3	86	0.00
26 T	2,2-Dichloropropane	0.938	1.044	-11.3	91	0.00
27 T	cis-1,2-Dichloroethene	0.680	0.737	-8.4	87	0.00
28 T	Bromochloromethane	0.350	0.360	-2.9	87	0.00
29 T	Tetrahydrofuran	0.130	0.137	-5.4	83	0.00
30 C	Chloroform	1.099	1.205	-9.6#	89	0.00
31 T	Cyclohexane	1.007	1.065	-5.8	87	0.00
32 T	1,1,1-Trichloroethane	0.997	1.083	-8.6	86	0.00
33 S	1,2-Dichloroethane-d4	0.515	0.474	8.0	98	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	79	0.00
35 S	Dibromofluoromethane	0.311	0.312	-0.3	94	0.00
36 T	1,1-Dichloropropene	0.529	0.609	-15.1	88	0.00
37 T	Ethyl Acetate	0.274	0.290	-5.8	82	0.00
38 T	Carbon Tetrachloride	0.554	0.624	-12.6	86	0.00
39 T	Methylcyclohexane	0.683	0.781	-14.3	84	0.00
40 TM	Benzene	1.526	1.743	-14.2	87	0.00
41 T	Methacrylonitrile	0.142	0.161	-13.4	84	0.00
42 TM	1,2-Dichloroethane	0.448	0.504	-12.5	86	0.00
43 T	Isopropyl Acetate	0.510	0.575	-12.7	84	0.00
44 TM	Trichloroethene	0.404	0.453	-12.1	86	0.00
45 C	1,2-Dichloropropane	0.366	0.430	-17.5#	88	0.00
46 T	Dibromomethane	0.233	0.260	-11.6	85	0.00
47 T	Bromodichloromethane	0.532	0.607	-14.1	87	0.00
48 T	Methyl methacrylate	0.228	0.261	-14.5	82	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	78	0.00
50 S	Toluene-d8	1.147	1.051	8.4	94	0.00
51 T	4-Methyl-2-Pentanone	0.282	0.316	-12.1	81	0.00
52 CM	Toluene	1.066	1.259	-18.1#	86	0.00
53 T	t-1,3-Dichloropropene	0.565	0.676	-19.6	87	0.00
54 T	cis-1,3-Dichloropropene	0.608	0.704	-15.8	87	0.00
55 T	1,1,2-Trichloroethane	0.326	0.371	-13.8	84	0.00
56 T	Ethyl methacrylate	0.417	0.486	-16.5	83	0.00
57 T	1,3-Dichloropropane	0.532	0.618	-16.2	86	0.00
58 T	2-Chloroethyl Vinyl ether	0.180	0.207	-15.0	84	0.00
59 T	2-Hexanone	0.193	0.228	-18.1	83	0.00
60 T	Dibromochloromethane	0.395	0.453	-14.7	84	0.00
61 T	1,2-Dibromoethane	0.323	0.358	-10.8	81	0.00
62 S	4-Bromofluorobenzene	0.463	0.550	-18.8	88	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	80	0.00
64 T	Tetrachloroethene	0.364	0.389	-6.9	83	0.00
65 PM	Chlorobenzene	1.148	1.269	-10.5	85	0.00
66 T	1,1,1,2-Tetrachloroethane	0.420	0.475	-13.1	85	0.00
67 C	Ethyl Benzene	2.068	2.367	-14.5#	84	0.00
68 T	m/p-Xylenes	0.840	1.004	-19.5	84	0.00
69 T	o-Xylene	0.780	0.928	-19.0	84	0.00
70 T	Styrene	1.341	1.621	-20.9	82	0.00
71 P	Bromoform	0.279	0.316	-13.3	81	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	80	0.00
73 T	Isopropylbenzene	3.739	3.899	-4.3	83	0.00
74 T	N-amyl acetate	0.863	0.938	-8.7	85	0.00
75 P	1,1,2,2-Tetrachloroethane	0.770	0.754	2.1	81	0.00
76 T	1,2,3-Trichloropropane	0.537	0.560	-4.3	81	0.00
77 T	Bromobenzene	0.867	0.886	-2.2	84	0.00
78 T	n-propylbenzene	4.320	4.927	-14.1	134	0.00
79 T	2-Chlorotoluene	2.492	2.671	-7.2	84	0.00
80 T	1,3,5-Trimethylbenzene	3.134	3.461	-10.4	83	0.00
81 T	trans-1,4-Dichloro-2-butene	0.262	0.274	-4.6	85	0.00
82 T	4-Chlorotoluene	2.665	2.999	-12.5	84	0.00
83 T	tert-Butylbenzene	2.780	3.004	-8.1	83	0.00
84 T	1,2,4-Trimethylbenzene	3.111	3.492	-12.2	84	0.00
85 T	sec-Butylbenzene	4.254	4.802	-12.9	84	0.00
86 T	p-Isopropyltoluene	3.547	4.081	-15.1	85	0.00
87 T	1,3-Dichlorobenzene	1.849	2.036	-10.1	84	0.00
88 T	1,4-Dichlorobenzene	1.857	2.003	-7.9	83	0.00
89 T	n-Butylbenzene	3.245	3.683	-13.5	86	0.00
90 T	Hexachloroethane	0.665	0.708	-6.5	84	0.00
91 T	1,2-Dichlorobenzene	1.632	1.785	-9.4	85	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.120	0.111	7.5	74	0.00
93 T	1,2,4-Trichlorobenzene	0.896	0.903	-0.8	83	0.00
94 T	Hexachlorobutadiene	0.488	0.483	1.0	82	0.00
95 T	Naphthalene	1.799	1.776	1.3	79	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.778	0.779	-0.1	83	0.00

(#) = Out of Range

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