

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052522\
 Data File : VY009105.D
 Acq On : 25 May 2022 21:10
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 26 04:33:14 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	58	0.00
2 T	Dichlorodifluoromethane	0.457	0.382	16.4	46#	0.00
3 P	Chloromethane	0.655	0.663	-1.2	55	0.00
4 C	Vinyl Chloride	0.971	0.938	3.4#	53	0.00
5 T	Bromomethane	0.951	0.881	7.4	62	0.00
6 T	Chloroethane	0.688	0.673	2.2	57	0.00
7 T	Trichlorofluoromethane	0.824	0.693	15.9	48#	0.00
8 T	Diethyl Ether	0.258	0.243	5.8	55	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.507	0.439	13.4	48#	0.00
10 T	Methyl Iodide	0.523	0.389	25.6#	36#	0.00
11 T	Tert butyl alcohol	0.052	0.045	13.5	51	0.01
12 CM	1,1-Dichloroethene	0.470	0.402	14.5#	48#	0.01
13 T	Acrolein	0.017	0.007	58.8#	41#	0.01
14 T	Allyl chloride	0.709	0.619	12.7	48#	0.00
15 T	Acrylonitrile	0.144	0.135	6.2	54	0.00
16 T	Acetone	0.107	0.096	10.3	53	0.00
17 T	Carbon Disulfide	1.536	1.302	15.2	47#	0.00
18 T	Methyl Acetate	0.334	0.317	5.1	54	0.00
19 T	Methyl tert-butyl Ether	1.412	1.281	9.3	51	0.00
20 T	Methylene Chloride	0.788	0.571	27.5#	53	0.00
21 T	trans-1,2-Dichloroethene	0.604	0.505	16.4	48#	0.00
22 T	Diisopropyl ether	1.703	1.537	9.7	50	0.00
23 T	Vinyl Acetate	1.126	1.042	7.5	50	0.00
24 P	1,1-Dichloroethane	1.018	0.898	11.8	50#	0.00
25 T	2-Butanone	0.191	0.178	6.8	52	0.00
26 T	2,2-Dichloropropane	0.938	0.751	19.9	46#	0.00
27 T	cis-1,2-Dichloroethene	0.680	0.594	12.6	49#	0.00
28 T	Bromochloromethane	0.350	0.397	-13.4	67	0.00
29 T	Tetrahydrofuran	0.130	0.121	6.9	51	0.00
30 C	Chloroform	1.099	0.960	12.6#	49#	0.00
31 T	Cyclohexane	1.007	0.785	22.0	45#	0.00
32 T	1,1,1-Trichloroethane	0.997	0.841	15.6	47#	0.00
33 S	1,2-Dichloroethane-d4	0.515	0.444	13.8	64	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	59	0.00
35 S	Dibromofluoromethane	0.311	0.281	9.6	63	0.00
36 T	1,1-Dichloropropene	0.529	0.432	18.3	46#	0.00
37 T	Ethyl Acetate	0.274	0.242	11.7	51	0.00
38 T	Carbon Tetrachloride	0.554	0.444	19.9	46#	0.00
39 T	Methylcyclohexane	0.683	0.527	22.8	42#	0.00
40 TM	Benzene	1.526	1.285	15.8	47#	0.00
41 T	Methacrylonitrile	0.142	0.129	9.2	50#	0.00
42 TM	1,2-Dichloroethane	0.448	0.394	12.1	50#	0.00
43 T	Isopropyl Acetate	0.510	0.460	9.8	50	0.00
44 TM	Trichloroethene	0.404	0.329	18.6	46#	0.00
45 C	1,2-Dichloropropane	0.366	0.329	10.1#	50#	0.00
46 T	Dibromomethane	0.233	0.209	10.3	50	0.00
47 T	Bromodichloromethane	0.532	0.466	12.4	49#	0.00
48 T	Methyl methacrylate	0.228	0.215	5.7	51	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	50	0.00
50 S	Toluene-d8	1.147	0.889	22.5	59	0.00
51 T	4-Methyl-2-Pentanone	0.282	0.266	5.7	51	0.00
52 CM	Toluene	1.066	0.875	17.9#	44#	0.00
53 T	t-1,3-Dichloropropene	0.565	0.491	13.1	47#	0.00
54 T	cis-1,3-Dichloropropene	0.608	0.525	13.7	48#	0.00
55 T	1,1,2-Trichloroethane	0.326	0.286	12.3	48#	0.00
56 T	Ethyl methacrylate	0.417	0.370	11.3	47#	0.00
57 T	1,3-Dichloropropane	0.532	0.476	10.5	49#	0.00
58 T	2-Chloroethyl Vinyl ether	0.180	0.188	-4.4	57	0.00
59 T	2-Hexanone	0.193	0.187	3.1	51	0.00
60 T	Dibromochloromethane	0.395	0.336	14.9	46#	0.00
61 T	1,2-Dibromoethane	0.323	0.277	14.2	47#	0.00
62 S	4-Bromofluorobenzene	0.463	0.438	5.4	52	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	57	0.00
64 T	Tetrachloroethene	0.364	0.282	22.5	43#	0.00
65 PM	Chlorobenzene	1.148	0.943	17.9	45#	0.00
66 T	1,1,1,2-Tetrachloroethane	0.420	0.357	15.0	45#	0.00
67 C	Ethyl Benzene	2.068	1.753	15.2#	44#	0.00
68 T	m/p-Xylenes	0.840	0.731	13.0	43#	0.00
69 T	o-Xylene	0.780	0.668	14.4	43#	0.00
70 T	Styrene	1.341	1.213	9.5	44#	0.00
71 P	Bromoform	0.279	0.236	15.4	43#	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	56	0.00
73 T	Isopropylbenzene	3.739	2.870	23.2	43#	0.00
74 T	N-amyl acetate	0.863	0.786	8.9	50	0.00
75 P	1,1,2,2-Tetrachloroethane	0.770	0.612	20.5	46#	0.00
76 T	1,2,3-Trichloropropane	0.537	0.521	3.0	53	0.00
77 T	Bromobenzene	0.867	0.645	25.6#	43#	0.00
78 T	n-propylbenzene	4.320	3.615	16.3	69	0.00
79 T	2-Chlorotoluene	2.492	1.966	21.1	43#	0.00
80 T	1,3,5-Trimethylbenzene	3.134	2.485	20.7	42#	0.00
81 T	trans-1,4-Dichloro-2-butene	0.262	0.205	21.8	45#	0.00
82 T	4-Chlorotoluene	2.665	2.157	19.1	42#	0.00
83 T	tert-Butylbenzene	2.780	2.196	21.0	42#	0.00
84 T	1,2,4-Trimethylbenzene	3.111	2.603	16.3	44#	0.00
85 T	sec-Butylbenzene	4.254	3.452	18.9	43#	0.00
86 T	p-Isopropyltoluene	3.547	2.902	18.2	42#	0.00
87 T	1,3-Dichlorobenzene	1.849	1.495	19.1	43#	0.00
88 T	1,4-Dichlorobenzene	1.857	1.502	19.1	44#	0.00
89 T	n-Butylbenzene	3.245	2.662	18.0	44#	0.00
90 T	Hexachloroethane	0.665	0.535	19.5	44#	0.00
91 T	1,2-Dichlorobenzene	1.632	1.339	18.0	45#	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.120	0.095	20.8	45#	0.00
93 T	1,2,4-Trichlorobenzene	0.896	0.651	27.3#	42#	0.00
94 T	Hexachlorobutadiene	0.488	0.348	28.7#	42#	0.00
95 T	Naphthalene	1.799	1.368	24.0	42#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.778	0.582	25.2#	43#	0.00

(#) = Out of Range

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