

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052422\
 Data File : VY009078.D
 Acq On : 24 May 2022 21:33
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 25 02:58:12 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	60	0.00
2 T	Dichlorodifluoromethane	0.457	0.477	-4.4	60	0.00
3 P	Chloromethane	0.655	0.797	-21.7	70	0.00
4 C	Vinyl Chloride	0.971	1.126	-16.0#	67	0.00
5 T	Bromomethane	0.951	1.008	-6.0	74	0.00
6 T	Chloroethane	0.688	0.784	-14.0	69	0.00
7 T	Trichlorofluoromethane	0.824	0.857	-4.0	62	0.00
8 T	Diethyl Ether	0.258	0.278	-7.8	66	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.507	0.527	-3.9	61	0.00
10 T	Methyl Iodide	0.523	0.472	9.8	46#	0.00
11 T	Tert butyl alcohol	0.052	0.051	1.9	61	0.00
12 CM	1,1-Dichloroethene	0.470	0.490	-4.3#	62	0.01
13 T	Acrolein	0.017	0.007	58.8#	46#	0.00
14 T	Allyl chloride	0.709	0.712	-0.4	58	0.00
15 T	Acrylonitrile	0.144	0.152	-5.6	63	0.00
16 T	Acetone	0.107	0.114	-6.5	65	0.00
17 T	Carbon Disulfide	1.536	1.602	-4.3	60	0.00
18 T	Methyl Acetate	0.334	0.349	-4.5	62	0.00
19 T	Methyl tert-butyl Ether	1.412	1.483	-5.0	62	0.00
20 T	Methylene Chloride	0.788	0.648	17.8	63	0.00
21 T	trans-1,2-Dichloroethene	0.604	0.602	0.3	60	0.00
22 T	Diisopropyl ether	1.703	1.813	-6.5	62	0.00
23 T	Vinyl Acetate	1.126	1.227	-9.0	62	0.00
24 P	1,1-Dichloroethane	1.018	1.051	-3.2	61	0.00
25 T	2-Butanone	0.191	0.208	-8.9	63	0.00
26 T	2,2-Dichloropropane	0.938	0.911	2.9	58	0.00
27 T	cis-1,2-Dichloroethene	0.680	0.694	-2.1	59	0.00
28 T	Bromochloromethane	0.350	0.372	-6.3	66	0.00
29 T	Tetrahydrofuran	0.130	0.144	-10.8	64	0.00
30 C	Chloroform	1.099	1.141	-3.8#	61	0.00
31 T	Cyclohexane	1.007	0.954	5.3	57	0.00
32 T	1,1,1-Trichloroethane	0.997	1.008	-1.1	59	0.00
33 S	1,2-Dichloroethane-d4	0.515	0.480	6.8	72	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	60	0.00
35 S	Dibromofluoromethane	0.311	0.293	5.8	67	0.00
36 T	1,1-Dichloropropene	0.529	0.537	-1.5	59	0.00
37 T	Ethyl Acetate	0.274	0.296	-8.0	64	0.00
38 T	Carbon Tetrachloride	0.554	0.555	-0.2	58	0.00
39 T	Methylcyclohexane	0.683	0.674	1.3	55	0.00
40 TM	Benzene	1.526	1.572	-3.0	59	0.00
41 T	Methacrylonitrile	0.142	0.150	-5.6	60	0.00
42 TM	1,2-Dichloroethane	0.448	0.474	-5.8	61	0.00
43 T	Isopropyl Acetate	0.510	0.564	-10.6	63	0.00
44 TM	Trichloroethene	0.404	0.389	3.7	56	0.00
45 C	1,2-Dichloropropane	0.366	0.390	-6.6#	60	0.00
46 T	Dibromomethane	0.233	0.246	-5.6	61	0.00
47 T	Bromodichloromethane	0.532	0.549	-3.2	60	0.00
48 T	Methyl methacrylate	0.228	0.254	-11.4	61	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	56	0.00
50 S	Toluene-d8	1.147	0.964	16.0	65	0.00
51 T	4-Methyl-2-Pentanone	0.282	0.322	-14.2	63	0.00
52 CM	Toluene	1.066	1.103	-3.5#	57	0.00
53 T	t-1,3-Dichloropropene	0.565	0.588	-4.1	58	0.00
54 T	cis-1,3-Dichloropropene	0.608	0.637	-4.8	60	0.00
55 T	1,1,2-Trichloroethane	0.326	0.335	-2.8	58	0.00
56 T	Ethyl methacrylate	0.417	0.451	-8.2	59	0.00
57 T	1,3-Dichloropropane	0.532	0.560	-5.3	59	0.00
58 T	2-Chloroethyl Vinyl ether	0.180	0.202	-12.2	62	0.00
59 T	2-Hexanone	0.193	0.227	-17.6	63	0.00
60 T	Dibromochloromethane	0.395	0.411	-4.1	58	0.00
61 T	1,2-Dibromoethane	0.323	0.341	-5.6	59	0.00
62 S	4-Bromofluorobenzene	0.463	0.511	-10.4	62	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	61	0.00
64 T	Tetrachloroethene	0.364	0.334	8.2	55	0.00
65 PM	Chlorobenzene	1.148	1.117	2.7	58	0.00
66 T	1,1,1,2-Tetrachloroethane	0.420	0.422	-0.5	58	0.00
67 C	Ethyl Benzene	2.068	2.095	-1.3#	57	0.00
68 T	m/p-Xylenes	0.840	0.881	-4.9	57	0.00
69 T	o-Xylene	0.780	0.823	-5.5	57	0.00
70 T	Styrene	1.341	1.458	-8.7	57	0.00
71 P	Bromoform	0.279	0.288	-3.2	57	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	63	0.00
73 T	Isopropylbenzene	3.739	3.374	9.8	56	0.00
74 T	N-amyl acetate	0.863	0.902	-4.5	64	0.00
75 P	1,1,2,2-Tetrachloroethane	0.770	0.705	8.4	60	0.00
76 T	1,2,3-Trichloropropane	0.537	0.506	5.8	57	0.00
77 T	Bromobenzene	0.867	0.764	11.9	57	0.00
78 T	n-propylbenzene	4.320	4.307	0.3	92	0.00
79 T	2-Chlorotoluene	2.492	2.305	7.5	57	0.00
80 T	1,3,5-Trimethylbenzene	3.134	2.963	5.5	56	0.00
81 T	trans-1,4-Dichloro-2-butene	0.262	0.244	6.9	59	0.00
82 T	4-Chlorotoluene	2.665	2.590	2.8	57	0.00
83 T	tert-Butylbenzene	2.780	2.603	6.4	56	0.00
84 T	1,2,4-Trimethylbenzene	3.111	3.062	1.6	58	0.00
85 T	sec-Butylbenzene	4.254	4.113	3.3	57	0.00
86 T	p-Isopropyltoluene	3.547	3.512	1.0	57	0.00
87 T	1,3-Dichlorobenzene	1.849	1.787	3.4	58	0.00
88 T	1,4-Dichlorobenzene	1.857	1.769	4.7	58	0.00
89 T	n-Butylbenzene	3.245	3.220	0.8	59	0.00
90 T	Hexachloroethane	0.665	0.639	3.9	59	0.00
91 T	1,2-Dichlorobenzene	1.632	1.588	2.7	60	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.120	0.109	9.2	57	0.00
93 T	1,2,4-Trichlorobenzene	0.896	0.793	11.5	57	0.00
94 T	Hexachlorobutadiene	0.488	0.419	14.1	56	0.00
95 T	Naphthalene	1.799	1.674	6.9	58	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.778	0.696	10.5	58	0.00

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