

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052622\
 Data File : VY009117.D
 Acq On : 26 May 2022 15:44
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 27 03:24:40 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	0.439	3.9	55	0.00
3 P	Chloromethane	0.655	0.795	-21.4	69	0.00
4 C	Vinyl Chloride	0.971	1.113	-14.6#	66	0.00
5 T	Bromomethane	0.951	0.935	1.7	68	0.00
6 T	Chloroethane	0.688	0.768	-11.6	67	0.00
7 T	Trichlorofluoromethane	0.824	0.843	-2.3	60	0.00
8 T	Diethyl Ether	0.258	0.241	6.6	56	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.507	0.512	-1.0	58	0.00
10 T	Methyl Iodide	0.523	0.478	8.6	46#	0.00
11 T	Tert butyl alcohol	0.052	0.038	26.9#	45#	0.00
12 CM	1,1-Dichloroethene	0.470	0.450	4.3#	56	0.00
13 T	Acrolein	0.017	0.007	58.8#	44#	0.00
14 T	Allyl chloride	0.709	0.680	4.1	55	0.00
15 T	Acrylonitrile	0.144	0.125	13.2	52	0.00
16 T	Acetone	0.107	0.089	16.8	51	0.00
17 T	Carbon Disulfide	1.536	1.475	4.0	55	0.00
18 T	Methyl Acetate	0.334	0.276	17.4	49#	0.00
19 T	Methyl tert-butyl Ether	1.412	1.264	10.5	52	0.00
20 T	Methylene Chloride	0.788	0.692	12.2	67	0.00
21 T	trans-1,2-Dichloroethene	0.604	0.571	5.5	57	0.00
22 T	Diisopropyl ether	1.703	1.618	5.0	55	0.00
23 T	Vinyl Acetate	1.126	1.049	6.8	52	0.00
24 P	1,1-Dichloroethane	1.018	0.981	3.6	57	0.00
25 T	2-Butanone	0.191	0.160	16.2	48#	0.00
26 T	2,2-Dichloropropane	0.938	0.933	0.5	59	0.00
27 T	cis-1,2-Dichloroethene	0.680	0.638	6.2	54	0.00
28 T	Bromochloromethane	0.350	0.364	-4.0	64	0.00
29 T	Tetrahydrofuran	0.130	0.110	15.4	48#	0.00
30 C	Chloroform	1.099	1.051	4.4#	56	0.00
31 T	Cyclohexane	1.007	0.895	11.1	53	0.00
32 T	1,1,1-Trichloroethane	0.997	0.946	5.1	54	0.00
33 S	1,2-Dichloroethane-d4	0.515	0.502	2.5	75	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	57	0.00
35 S	Dibromofluoromethane	0.311	0.330	-6.1	72	0.00
36 T	1,1-Dichloropropene	0.529	0.528	0.2	55	0.00
37 T	Ethyl Acetate	0.274	0.242	11.7	49#	0.00
38 T	Carbon Tetrachloride	0.554	0.550	0.7	55	0.00
39 T	Methylcyclohexane	0.683	0.665	2.6	52	0.00
40 TM	Benzene	1.526	1.514	0.8	54	0.00
41 T	Methacrylonitrile	0.142	0.107	24.6	40#	0.00
42 TM	1,2-Dichloroethane	0.448	0.433	3.3	54	0.00
43 T	Isopropyl Acetate	0.510	0.466	8.6	49#	0.00
44 TM	Trichloroethene	0.404	0.392	3.0	54	0.00
45 C	1,2-Dichloropropane	0.366	0.363	0.8#	54	0.00
46 T	Dibromomethane	0.233	0.224	3.9	53	0.00
47 T	Bromodichloromethane	0.532	0.525	1.3	54	0.00
48 T	Methyl methacrylate	0.228	0.220	3.5	50	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	46#	0.00
50 S	Toluene-d8	1.147	1.096	4.4	71	0.00
51 T	4-Methyl-2-Pentanone	0.282	0.256	9.2	48#	0.00
52 CM	Toluene	1.066	1.027	3.7#	51	0.00
53 T	t-1,3-Dichloropropene	0.565	0.548	3.0	51	0.00
54 T	cis-1,3-Dichloropropene	0.608	0.592	2.6	53	0.00
55 T	1,1,2-Trichloroethane	0.326	0.300	8.0	50#	0.00
56 T	Ethyl methacrylate	0.417	0.380	8.9	47#	0.00
57 T	1,3-Dichloropropane	0.532	0.502	5.6	51	0.00
58 T	2-Chloroethyl Vinyl ether	0.180	0.170	5.6	50#	0.00
59 T	2-Hexanone	0.193	0.174	9.8	46#	0.00
60 T	Dibromochloromethane	0.395	0.365	7.6	49#	0.00
61 T	1,2-Dibromoethane	0.323	0.290	10.2	48#	0.00
62 S	4-Bromofluorobenzene	0.463	0.522	-12.7	61	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	55	0.00
64 T	Tetrachloroethene	0.364	0.338	7.1	50	0.00
65 PM	Chlorobenzene	1.148	1.062	7.5	49#	0.00
66 T	1,1,1,2-Tetrachloroethane	0.420	0.393	6.4	49#	0.00
67 C	Ethyl Benzene	2.068	2.028	1.9#	50#	0.00
68 T	m/p-Xylenes	0.840	0.847	-0.8	49#	0.00
69 T	o-Xylene	0.780	0.784	-0.5	49#	0.00
70 T	Styrene	1.341	1.354	-1.0	48#	0.00
71 P	Bromoform	0.279	0.244	12.5	44#	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	55	0.00
73 T	Isopropylbenzene	3.739	3.306	11.6	48#	0.00
74 T	N-amyl acetate	0.863	0.796	7.8	50#	0.00
75 P	1,1,2,2-Tetrachloroethane	0.770	0.632	17.9	47#	0.00
76 T	1,2,3-Trichloropropane	0.537	0.451	16.0	45#	0.00
77 T	Bromobenzene	0.867	0.720	17.0	47#	0.00
78 T	n-propylbenzene	4.320	4.265	1.3	79	0.00
79 T	2-Chlorotoluene	2.492	2.247	9.8	48#	0.00
80 T	1,3,5-Trimethylbenzene	3.134	2.911	7.1	48#	0.00
81 T	trans-1,4-Dichloro-2-butene	0.262	0.214	18.3	45#	0.00
82 T	4-Chlorotoluene	2.665	2.469	7.4	47#	0.00
83 T	tert-Butylbenzene	2.780	2.571	7.5	48#	0.00
84 T	1,2,4-Trimethylbenzene	3.111	2.992	3.8	49#	0.00
85 T	sec-Butylbenzene	4.254	4.114	3.3	50#	0.00
86 T	p-Isopropyltoluene	3.547	3.484	1.8	50#	0.00
87 T	1,3-Dichlorobenzene	1.849	1.714	7.3	49#	0.00
88 T	1,4-Dichlorobenzene	1.857	1.674	9.9	48#	0.00
89 T	n-Butylbenzene	3.245	3.224	0.6	52	0.00
90 T	Hexachloroethane	0.665	0.611	8.1	49#	0.00
91 T	1,2-Dichlorobenzene	1.632	1.495	8.4	49#	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.120	0.088	26.7#	41#	0.00
93 T	1,2,4-Trichlorobenzene	0.896	0.748	16.5	47#	0.00
94 T	Hexachlorobutadiene	0.488	0.422	13.5	49#	0.00
95 T	Naphthalene	1.799	1.439	20.0	44#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.778	0.651	16.3	47#	0.00

(#) = Out of Range

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