

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060622\
 Data File : VY009136.D
 Acq On : 06 Jun 2022 10:16
 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: Jun 07 02:28:50 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	87	0.00
2 T	Dichlorodifluoromethane	0.457	0.444	2.8	81	0.00
3 P	Chloromethane	0.655	0.719	-9.8	91	0.00
4 C	Vinyl Chloride	0.971	1.068	-10.0#	92	0.00
5 T	Bromomethane	0.951	0.882	7.3	94	0.00
6 T	Chloroethane	0.688	0.757	-10.0	97	0.00
7 T	Trichlorofluoromethane	0.824	0.839	-1.8	87	0.00
8 T	Diethyl Ether	0.258	0.267	-3.5	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.507	0.496	2.2	83	0.00
10 T	Methyl Iodide	0.523	0.561	-7.3	80	0.00
11 T	Tert butyl alcohol	0.052	0.049	5.8	85	0.00
12 CM	1,1-Dichloroethene	0.470	0.459	2.3#	84	0.00
13 T	Acrolein	0.017	0.011	35.3#	106	0.00
14 T	Allyl chloride	0.709	0.732	-3.2	87	0.00
15 T	Acrylonitrile	0.144	0.150	-4.2	90	0.00
16 T	Acetone	0.107	0.129	-20.6	107	0.00
17 T	Carbon Disulfide	1.536	1.428	7.0	78	0.00
18 T	Methyl Acetate	0.334	0.338	-1.2	87	0.00
19 T	Methyl tert-butyl Ether	1.412	1.455	-3.0	88	0.00
20 T	Methylene Chloride	0.788	0.550	30.2#	78	0.00
21 T	trans-1,2-Dichloroethene	0.604	0.579	4.1	84	0.00
22 T	Diisopropyl ether	1.703	1.735	-1.9	87	0.00
23 T	Vinyl Acetate	1.126	1.193	-6.0	87	0.00
24 P	1,1-Dichloroethane	1.018	1.021	-0.3	86	0.00
25 T	2-Butanone	0.191	0.208	-8.9	92	0.00
26 T	2,2-Dichloropropane	0.938	0.969	-3.3	89	0.00
27 T	cis-1,2-Dichloroethene	0.680	0.665	2.2	83	0.00
28 T	Bromochloromethane	0.350	0.297	15.1	76	0.00
29 T	Tetrahydrofuran	0.130	0.137	-5.4	88	0.00
30 C	Chloroform	1.099	1.075	2.2#	84	0.00
31 T	Cyclohexane	1.007	0.901	10.5	78	0.00
32 T	1,1,1-Trichloroethane	0.997	0.973	2.4	82	0.00
33 S	1,2-Dichloroethane-d4	0.515	0.461	10.5	100	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
35 S	Dibromofluoromethane	0.311	0.296	4.8	100	0.00
36 T	1,1-Dichloropropene	0.529	0.493	6.8	79	0.00
37 T	Ethyl Acetate	0.274	0.273	0.4	86	0.00
38 T	Carbon Tetrachloride	0.554	0.516	6.9	79	0.00
39 T	Methylcyclohexane	0.683	0.616	9.8	74	0.00
40 TM	Benzene	1.526	1.454	4.7	80	0.00
41 T	Methacrylonitrile	0.142	0.124	12.7	72	0.00
42 TM	1,2-Dichloroethane	0.448	0.436	2.7	83	0.00
43 T	Isopropyl Acetate	0.510	0.531	-4.1	87	0.00
44 TM	Trichloroethene	0.404	0.375	7.2	79	0.00
45 C	1,2-Dichloropropane	0.366	0.361	1.4#	82	0.00
46 T	Dibromomethane	0.233	0.222	4.7	80	0.00
47 T	Bromodichloromethane	0.532	0.509	4.3	81	0.00
48 T	Methyl methacrylate	0.228	0.240	-5.3	84	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	81	0.00
50 S	Toluene-d8	1.147	0.947	17.4	94	0.00
51 T	4-Methyl-2-Pentanone	0.282	0.298	-5.7	85	0.00
52 CM	Toluene	1.066	1.015	4.8#	77	0.00
53 T	t-1,3-Dichloropropene	0.565	0.580	-2.7	83	0.00
54 T	cis-1,3-Dichloropropene	0.608	0.604	0.7	83	0.00
55 T	1,1,2-Trichloroethane	0.326	0.314	3.7	80	0.00
56 T	Ethyl methacrylate	0.417	0.420	-0.7	80	0.00
57 T	1,3-Dichloropropane	0.532	0.517	2.8	80	0.00
58 T	2-Chloroethyl Vinyl ether	0.180	0.163	9.4	74	0.00
59 T	2-Hexanone	0.193	0.216	-11.9	87	0.00
60 T	Dibromochloromethane	0.395	0.375	5.1	78	0.00
61 T	1,2-Dibromoethane	0.323	0.303	6.2	77	0.00
62 S	4-Bromofluorobenzene	0.463	0.510	-10.2	91	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
64 T	Tetrachloroethene	0.364	0.331	9.1	74	0.00
65 PM	Chlorobenzene	1.148	1.094	4.7	77	0.00
66 T	1,1,1,2-Tetrachloroethane	0.420	0.419	0.2	79	0.00
67 C	Ethyl Benzene	2.068	2.081	-0.6#	78	0.00
68 T	m/p-Xylenes	0.840	0.868	-3.3	77	0.00
69 T	o-Xylene	0.780	0.816	-4.6	78	0.00
70 T	Styrene	1.341	1.436	-7.1	77	0.00
71 P	Bromoform	0.279	0.288	-3.2	78	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.00
73 T	Isopropylbenzene	3.739	3.357	10.2	76	0.00
74 T	N-amyl acetate	0.863	0.917	-6.3	89	0.00
75 P	1,1,2,2-Tetrachloroethane	0.770	0.688	10.6	79	0.00
76 T	1,2,3-Trichloropropane	0.537	0.623	-16.0	96	0.00
77 T	Bromobenzene	0.867	0.757	12.7	77	0.00
78 T	n-propylbenzene	4.320	4.254	1.5	123	0.00
79 T	2-Chlorotoluene	2.492	2.297	7.8	77	0.00
80 T	1,3,5-Trimethylbenzene	3.134	2.961	5.5	76	0.00
81 T	trans-1,4-Dichloro-2-butene	0.262	0.249	5.0	82	0.00
82 T	4-Chlorotoluene	2.665	2.531	5.0	76	0.00
83 T	tert-Butylbenzene	2.780	2.566	7.7	75	0.00
84 T	1,2,4-Trimethylbenzene	3.111	3.035	2.4	78	0.00
85 T	sec-Butylbenzene	4.254	4.069	4.3	76	0.00
86 T	p-Isopropyltoluene	3.547	3.511	1.0	78	0.00
87 T	1,3-Dichlorobenzene	1.849	1.777	3.9	78	0.00
88 T	1,4-Dichlorobenzene	1.857	1.741	6.2	77	0.00
89 T	n-Butylbenzene	3.245	3.168	2.4	79	0.00
90 T	Hexachloroethane	0.665	0.614	7.7	77	0.00
91 T	1,2-Dichlorobenzene	1.632	1.535	5.9	78	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.120	0.103	14.2	74	0.00
93 T	1,2,4-Trichlorobenzene	0.896	0.730	18.5	71	0.00
94 T	Hexachlorobutadiene	0.488	0.393	19.5	71	0.00
95 T	Naphthalene	1.799	1.488	17.3	70	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.778	0.625	19.7	71	0.00

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