

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070822\
 Data File : VY009498.D
 Acq On : 08 Jul 2022 21:16
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 11 02:17:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 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	79	0.00
2 T	Dichlorodifluoromethane	0.383	0.556	-45.2#	115	0.00
3 P	Chloromethane	0.428	0.544	-27.1#	95	0.00
4 C	Vinyl Chloride	0.488	0.588	-20.5#	88	0.00
5 T	Bromomethane	0.350	0.410	-17.1	93	0.00
6 T	Chloroethane	0.285	0.348	-22.1	97	0.00
7 T	Trichlorofluoromethane	0.651	0.751	-15.4	88	0.00
8 T	Diethyl Ether	0.249	0.251	-0.8	77	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.441	0.430	2.5	76	0.00
10 T	Methyl Iodide	0.523	0.627	-19.9	85	0.00
11 T	Tert butyl alcohol	0.077	0.044	42.9#	56	0.00
12 CM	1,1-Dichloroethene	0.409	0.425	-3.9#	78	0.00
13 T	Acrolein	0.031	0.026	16.1	52	0.00
14 T	Allyl chloride	0.704	0.589	16.3	59	0.00
15 T	Acrylonitrile	0.137	0.118	13.9	65	0.00
16 T	Acetone	0.122	0.090	26.2#	44#	0.00
17 T	Carbon Disulfide	1.151	1.245	-8.2	71	0.00
18 T	Methyl Acetate	0.357	0.356	0.3	84	0.00
19 T	Methyl tert-butyl Ether	1.238	1.214	1.9	75	0.00
20 T	Methylene Chloride	0.685	0.504	26.4#	70	0.00
21 T	trans-1,2-Dichloroethene	0.479	0.488	-1.9	75	0.00
22 T	Diisopropyl ether	1.496	1.296	13.4	61	0.00
23 T	Vinyl Acetate	0.957	0.827	13.6	58	0.00
24 P	1,1-Dichloroethane	0.844	0.782	7.3	70	0.00
25 T	2-Butanone	0.197	0.149	24.4	51	0.00
26 T	2,2-Dichloropropane	0.832	0.595	28.5#	56	0.00
27 T	cis-1,2-Dichloroethene	0.564	0.568	-0.7	77	0.00
28 T	Bromochloromethane	0.355	0.300	15.5	62	0.00
29 T	Tetrahydrofuran	0.127	0.101	20.5	58	0.00
30 C	Chloroform	0.923	0.882	4.4#	77	0.00
31 T	Cyclohexane	0.820	0.652	20.5	59	0.00
32 T	1,1,1-Trichloroethane	0.814	0.809	0.6	77	0.00
33 S	1,2-Dichloroethane-d4	0.427	0.303	29.0#	72	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	76	0.00
35 S	Dibromofluoromethane	0.263	0.231	12.2	78	0.00
36 T	1,1-Dichloropropene	0.428	0.407	4.9	67	0.00
37 T	Ethyl Acetate	0.268	0.219	18.3	59	0.00
38 T	Carbon Tetrachloride	0.458	0.483	-5.5	77	0.00
39 T	Methylcyclohexane	0.514	0.500	2.7	65	0.00
40 TM	Benzene	1.258	1.206	4.1	68	0.00
41 T	Methacrylonitrile	0.139	0.122	12.2	60	-0.01
42 TM	1,2-Dichloroethane	0.378	0.379	-0.3	75	0.00
43 T	Isopropyl Acetate	0.501	0.425	15.2	61	0.00
44 TM	Trichloroethene	0.355	0.387	-9.0	79	0.00
45 C	1,2-Dichloropropane	0.318	0.288	9.4#	65	0.00
46 T	Dibromomethane	0.187	0.198	-5.9	77	0.00
47 T	Bromodichloromethane	0.445	0.454	-2.0	77	0.00
48 T	Methyl methacrylate	0.216	0.191	11.6	62	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	69	0.00
50 S	Toluene-d8	0.904	0.632	30.1#	71	0.00
51 T	4-Methyl-2-Pentanone	0.263	0.235	10.6	63	0.00
52 CM	Toluene	0.801	0.798	0.4#	69	0.00
53 T	t-1,3-Dichloropropene	0.469	0.446	4.9	67	0.00
54 T	cis-1,3-Dichloropropene	0.522	0.483	7.5	66	0.00
55 T	1,1,2-Trichloroethane	0.270	0.263	2.6	71	0.00
56 T	Ethyl methacrylate	0.358	0.353	1.4	66	0.00
57 T	1,3-Dichloropropane	0.444	0.442	0.5	72	0.00
58 T	2-Chloroethyl Vinyl ether	0.175	0.164	6.3	64	0.00
59 T	2-Hexanone	0.183	0.165	9.8	60	0.00
60 T	Dibromochloromethane	0.326	0.357	-9.5	79	0.00
61 T	1,2-Dibromoethane	0.258	0.275	-6.6	76	0.00
62 S	4-Bromofluorobenzene	0.371	0.338	8.9	72	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	78	0.00
64 T	Tetrachloroethene	0.418	0.464	-11.0	82	0.00
65 PM	Chlorobenzene	0.982	0.973	0.9	74	0.00
66 T	1,1,1,2-Tetrachloroethane	0.369	0.387	-4.9	80	0.00
67 C	Ethyl Benzene	1.714	1.619	5.5#	69	0.00
68 T	m/p-Xylenes	0.669	0.660	1.3	72	0.00
69 T	o-Xylene	0.641	0.645	-0.6	73	0.00
70 T	Styrene	1.070	1.088	-1.7	74	0.00
71 P	Bromoform	0.235	0.265	-12.8	83	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73 T	Isopropylbenzene	3.419	2.604	23.8	71	0.00
74 T	N-amyl acetate	0.973	0.664	31.8#	66	0.00
75 P	1,1,2,2-Tetrachloroethane	0.685	0.496	27.6#	69	0.00
76 T	1,2,3-Trichloropropane	0.529	0.419	20.8	70	0.00
77 T	Bromobenzene	0.832	0.687	17.4	79	0.00
78 T	n-propylbenzene	4.131	3.305	20.0	75	0.00
79 T	2-Chlorotoluene	2.313	2.030	12.2	83	0.00
80 T	1,3,5-Trimethylbenzene	2.858	2.660	6.9	87	0.00
81 T	trans-1,4-Dichloro-2-butene	0.259	0.164	36.7#	59	0.00
82 T	4-Chlorotoluene	2.424	2.436	-0.5	96	0.00
83 T	tert-Butylbenzene	2.543	2.637	-3.7	98	0.00
84 T	1,2,4-Trimethylbenzene	2.845	2.926	-2.8	97	0.00
85 T	sec-Butylbenzene	3.745	3.727	0.5	94	0.00
86 T	p-Isopropyltoluene	3.122	3.094	0.9	94	0.00
87 T	1,3-Dichlorobenzene	1.643	1.641	0.1	97	0.00
88 T	1,4-Dichlorobenzene	1.663	1.664	-0.1	99	0.00
89 T	n-Butylbenzene	2.915	2.819	3.3	92	0.00
90 T	Hexachloroethane	0.613	0.613	0.0	97	0.00
91 T	1,2-Dichlorobenzene	1.506	1.535	-1.9	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.120	0.129	-7.5	104	0.00
93 T	1,2,4-Trichlorobenzene	0.918	0.929	-1.2	99	0.00
94 T	Hexachlorobutadiene	0.505	0.505	0.0	100	0.00
95 T	Naphthalene	1.899	2.182	-14.9	108	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.795	0.844	-6.2	104	0.00

(#) = Out of Range

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