

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092223\
 Data File : VY015693.D
 Acq On : 22 Sep 2023 18:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 22 22:59:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 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	86	0.01
2 T	Dichlorodifluoromethane	0.330	0.333	-0.9	80	0.00
3 P	Chloromethane	0.416	0.447	-7.5	85	0.00
4 C	Vinyl Chloride	0.475	0.513	-8.0#	85	0.01
5 T	Bromomethane	0.361	0.403	-11.6	85	0.01
6 T	Chloroethane	0.352	0.392	-11.4	88	0.00
7 T	Trichlorofluoromethane	0.797	0.829	-4.0	85	0.01
8 T	Diethyl Ether	0.340	0.369	-8.5	88	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.499	0.526	-5.4	86	0.00
10 T	Methyl Iodide	0.519	0.539	-3.9	76	0.01
11 T	Tert butyl alcohol	0.174	0.123	29.3#	98	0.02
12 CM	1,1-Dichloroethene	0.440	0.456	-3.6#	85	0.01
13 T	Acrolein	0.084	0.090	-7.1	91	0.01
14 T	Allyl chloride	0.804	0.832	-3.5	83	0.01
15 T	Acrylonitrile	0.249	0.280	-12.4	95	0.00
16 T	Acetone	0.294	0.236	19.7	71	0.02
17 T	Carbon Disulfide	0.855	0.893	-4.4	80	0.01
18 T	Methyl Acetate	0.988	1.230	-24.5	104	0.01
19 T	Methyl tert-butyl Ether	1.792	1.971	-10.0	90	0.02
20 T	Methylene Chloride	0.779	0.690	11.4	90	0.01
21 T	trans-1,2-Dichloroethene	0.503	0.540	-7.4	85	0.01
22 T	Diisopropyl ether	1.936	2.126	-9.8	88	0.01
23 T	Vinyl Acetate	1.195	1.236	-3.4	84	0.02
24 P	1,1-Dichloroethane	1.055	1.120	-6.2	86	0.02
25 T	2-Butanone	0.416	0.409	1.7	89	0.02
26 T	2,2-Dichloropropane	0.964	0.805	16.5	73	0.01
27 T	cis-1,2-Dichloroethene	0.667	0.710	-6.4	86	0.01
28 T	Bromochloromethane	0.286	0.298	-4.2	87	0.01
29 T	Tetrahydrofuran	0.235	0.272	-15.7	99	0.01
30 C	Chloroform	1.130	1.213	-7.3#	89	0.01
31 T	Cyclohexane	0.762	0.741	2.8	82	0.00
32 T	1,1,1-Trichloroethane	0.933	1.001	-7.3	87	0.02
33 S	1,2-Dichloroethane-d4	0.550	0.531	3.5	91	0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.01
35 S	Dibromofluoromethane	0.299	0.289	3.3	90	0.00
36 T	1,1-Dichloropropene	0.442	0.443	-0.2	85	0.01
37 T	Ethyl Acetate	0.441	0.475	-7.7	95	0.02
38 T	Carbon Tetrachloride	0.480	0.488	-1.7	86	0.01
39 T	Methylcyclohexane	0.489	0.481	1.6	82	0.00
40 TM	Benzene	1.349	1.383	-2.5	86	0.01
41 T	Methacrylonitrile	0.238	0.234	1.7	98	0.00
42 TM	1,2-Dichloroethane	0.462	0.488	-5.6	90	0.00
43 T	Isopropyl Acetate	0.754	0.819	-8.6	94	0.01
44 TM	Trichloroethene	0.377	0.391	-3.7	87	0.00
45 C	1,2-Dichloropropane	0.376	0.392	-4.3#	87	0.00
46 T	Dibromomethane	0.241	0.258	-7.1	90	0.01
47 T	Bromodichloromethane	0.537	0.572	-6.5	90	0.01
48 T	Methyl methacrylate	0.331	0.365	-10.3	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.005	0.005	0.0	102	0.02
50 S	Toluene-d8	1.015	0.908	10.5	88	0.00
51 T	4-Methyl-2-Pentanone	0.467	0.521	-11.6	97	0.00
52 CM	Toluene	0.870	0.897	-3.1#	86	0.00
53 T	t-1,3-Dichloropropene	0.575	0.586	-1.9	85	0.00
54 T	cis-1,3-Dichloropropene	0.619	0.633	-2.3	86	0.00
55 T	1,1,2-Trichloroethane	0.353	0.377	-6.8	91	0.00
56 T	Ethyl methacrylate	0.520	0.580	-11.5	92	0.00
57 T	1,3-Dichloropropane	0.592	0.635	-7.3	91	0.00
58 T	2-Chloroethyl Vinyl ether	0.165	0.173	-4.8	96	0.00
59 T	2-Hexanone	0.359	0.385	-7.2	95	0.00
60 T	Dibromochloromethane	0.412	0.443	-7.5	91	0.00
61 T	1,2-Dibromoethane	0.345	0.370	-7.2	93	0.00
62 S	4-Bromofluorobenzene	0.398	0.370	7.0	89	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
64 T	Tetrachloroethene	0.429	0.479	-11.7	96	0.00
65 PM	Chlorobenzene	1.091	1.106	-1.4	88	0.00
66 T	1,1,1,2-Tetrachloroethane	0.424	0.443	-4.5	89	0.00
67 C	Ethyl Benzene	1.908	1.934	-1.4#	86	0.00
68 T	m/p-Xylenes	0.725	0.734	-1.2	86	0.00
69 T	o-Xylene	0.711	0.727	-2.3	86	0.00
70 T	Styrene	1.217	1.287	-5.8	88	0.00
71 P	Bromoform	0.307	0.335	-9.1	93	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
73 T	Isopropylbenzene	3.751	3.779	-0.7	86	0.00
74 T	N-amyl acetate	1.410	1.499	-6.3	90	0.00
75 P	1,1,2,2-Tetrachloroethane	1.044	1.086	-4.0	93	0.00
76 T	1,2,3-Trichloropropane	0.798	0.903	-13.2	96	0.00
77 T	Bromobenzene	0.921	0.941	-2.2	88	0.00
78 T	n-propylbenzene	4.557	4.542	0.3	84	0.00
79 T	2-Chlorotoluene	2.597	2.618	-0.8	85	0.00
80 T	1,3,5-Trimethylbenzene	3.140	3.189	-1.6	86	0.00
81 T	trans-1,4-Dichloro-2-butene	0.354	0.349	1.4	85	0.00
82 T	4-Chlorotoluene	2.712	2.706	0.2	84	0.00
83 T	tert-Butylbenzene	2.750	2.806	-2.0	86	0.00
84 T	1,2,4-Trimethylbenzene	3.142	3.168	-0.8	85	0.00
85 T	sec-Butylbenzene	4.116	4.105	0.3	84	0.00
86 T	p-Isopropyltoluene	3.438	3.418	0.6	83	0.00
87 T	1,3-Dichlorobenzene	1.827	1.826	0.1	85	0.00
88 T	1,4-Dichlorobenzene	1.827	1.826	0.1	86	0.00
89 T	n-Butylbenzene	3.256	3.130	3.9	81	0.00
90 T	Hexachloroethane	0.664	0.661	0.5	85	0.00
91 T	1,2-Dichlorobenzene	1.686	1.723	-2.2	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.207	0.224	-8.2	98	0.00
93 T	1,2,4-Trichlorobenzene	1.062	1.049	1.2	83	0.00
94 T	Hexachlorobutadiene	0.544	0.508	6.6	78	0.00
95 T	Naphthalene	2.768	2.970	-7.3	90	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.980	0.978	0.2	85	0.00

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