

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041223\
 Data File : VY013281.D
 Acq On : 12 Apr 2023 20:52
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 13 06:21:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 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	85	0.00
2 T	Dichlorodifluoromethane	0.450	0.451	-0.2	88	0.00
3 P	Chloromethane	0.564	0.561	0.5	89	0.00
4 C	Vinyl Chloride	0.535	0.536	-0.2#	89	0.00
5 T	Bromomethane	0.410	0.419	-2.2	93	0.00
6 T	Chloroethane	0.360	0.360	0.0	91	0.00
7 T	Trichlorofluoromethane	0.832	0.792	4.8	86	0.00
8 T	Diethyl Ether	0.302	0.315	-4.3	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.489	0.477	2.5	86	-0.01
10 T	Methyl Iodide	0.600	0.612	-2.0	84	0.00
11 T	Tert butyl alcohol	0.096	0.055	42.7#	64	0.00
12 CM	1,1-Dichloroethene	0.470	0.468	0.4#	87	0.00
13 T	Acrolein	0.074	0.070	5.4	82	0.00
14 T	Allyl chloride	0.899	0.945	-5.1	92	0.00
15 T	Acrylonitrile	0.174	0.190	-9.2	91	0.00
16 T	Acetone	0.207	0.160	22.7	64	0.00
17 T	Carbon Disulfide	1.549	1.560	-0.7	89	0.00
18 T	Methyl Acetate	0.668	0.749	-12.1	94	0.00
19 T	Methyl tert-butyl Ether	1.409	1.558	-10.6	93	0.00
20 T	Methylene Chloride	0.641	0.611	4.7	98	0.00
21 T	trans-1,2-Dichloroethene	0.537	0.554	-3.2	90	0.00
22 T	Diisopropyl ether	1.771	1.971	-11.3	94	0.00
23 T	Vinyl Acetate	1.120	1.258	-12.3	92	0.00
24 P	1,1-Dichloroethane	0.989	1.036	-4.8	93	0.00
25 T	2-Butanone	0.265	0.264	0.4	82	0.00
26 T	2,2-Dichloropropane	0.888	0.838	5.6	85	0.00
27 T	cis-1,2-Dichloroethene	0.584	0.620	-6.2	91	0.00
28 T	Bromochloromethane	0.394	0.450	-14.2	98	0.00
29 T	Tetrahydrofuran	0.161	0.185	-14.9	91	0.00
30 C	Chloroform	1.001	1.056	-5.5#	94	0.00
31 T	Cyclohexane	0.909	0.891	2.0	89	0.00
32 T	1,1,1-Trichloroethane	0.906	0.916	-1.1	91	0.00
33 S	1,2-Dichloroethane-d4	0.601	0.655	-9.0	94	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
35 S	Dibromofluoromethane	0.324	0.355	-9.6	98	0.00
36 T	1,1-Dichloropropene	0.490	0.484	1.2	89	0.00
37 T	Ethyl Acetate	0.395	0.422	-6.8	91	0.00
38 T	Carbon Tetrachloride	0.542	0.528	2.6	89	0.00
39 T	Methylcyclohexane	0.570	0.572	-0.4	87	0.00
40 TM	Benzene	1.419	1.450	-2.2	92	0.00
41 T	Methacrylonitrile	0.164	0.157	4.3	83	0.00
42 TM	1,2-Dichloroethane	0.481	0.496	-3.1	93	0.00
43 T	Isopropyl Acetate	0.657	0.714	-8.7	93	0.00
44 TM	Trichloroethene	0.366	0.367	-0.3	92	0.00
45 C	1,2-Dichloropropane	0.368	0.380	-3.3#	93	0.00
46 T	Dibromomethane	0.222	0.229	-3.2	92	0.00
47 T	Bromodichloromethane	0.507	0.529	-4.3	96	0.00
48 T	Methyl methacrylate	0.302	0.329	-8.9	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	95	0.00
50 S	Toluene-d8	1.205	1.306	-8.4	94	0.00
51 T	4-Methyl-2-Pentanone	0.357	0.397	-11.2	93	0.00
52 CM	Toluene	0.857	0.878	-2.5#	92	0.00
53 T	t-1,3-Dichloropropene	0.531	0.556	-4.7	92	0.00
54 T	cis-1,3-Dichloropropene	0.582	0.601	-3.3	92	0.00
55 T	1,1,2-Trichloroethane	0.292	0.309	-5.8	96	0.00
56 T	Ethyl methacrylate	0.400	0.456	-14.0	94	0.00
57 T	1,3-Dichloropropane	0.497	0.528	-6.2	94	0.00
58 T	2-Chloroethyl Vinyl ether	0.167	0.183	-9.6	97	0.00
59 T	2-Hexanone	0.260	0.284	-9.2	89	0.00
60 T	Dibromochloromethane	0.367	0.378	-3.0	92	0.00
61 T	1,2-Dibromoethane	0.285	0.303	-6.3	93	0.00
62 S	4-Bromofluorobenzene	0.391	0.441	-12.8	97	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
64 T	Tetrachloroethene	0.353	0.371	-5.1	98	0.00
65 PM	Chlorobenzene	1.046	1.037	0.9	93	0.00
66 T	1,1,1,2-Tetrachloroethane	0.393	0.401	-2.0	94	0.00
67 C	Ethyl Benzene	1.822	1.838	-0.9#	91	0.00
68 T	m/p-Xylenes	0.697	0.710	-1.9	93	0.00
69 T	o-Xylene	0.646	0.680	-5.3	95	0.00
70 T	Styrene	1.090	1.152	-5.7	94	0.00
71 P	Bromoform	0.272	0.290	-6.6	95	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
73 T	Isopropylbenzene	3.430	3.470	-1.2	92	0.00
74 T	N-amyl acetate	1.224	1.339	-9.4	97	0.00
75 P	1,1,2,2-Tetrachloroethane	0.847	0.865	-2.1	94	0.00
76 T	1,2,3-Trichloropropane	0.623	0.610	2.1	91	0.00
77 T	Bromobenzene	0.858	0.870	-1.4	93	0.00
78 T	n-propylbenzene	4.236	4.297	-1.4	92	0.00
79 T	2-Chlorotoluene	2.384	2.443	-2.5	93	0.00
80 T	1,3,5-Trimethylbenzene	2.873	2.939	-2.3	93	0.00
81 T	trans-1,4-Dichloro-2-butene	0.300	0.309	-3.0	92	0.00
82 T	4-Chlorotoluene	2.514	2.511	0.1	92	0.00
83 T	tert-Butylbenzene	2.465	2.567	-4.1	94	0.00
84 T	1,2,4-Trimethylbenzene	2.796	2.912	-4.1	93	0.00
85 T	sec-Butylbenzene	3.686	3.696	-0.3	91	0.00
86 T	p-Isopropyltoluene	3.025	3.087	-2.0	92	0.00
87 T	1,3-Dichlorobenzene	1.653	1.650	0.2	94	0.00
88 T	1,4-Dichlorobenzene	1.671	1.646	1.5	93	0.00
89 T	n-Butylbenzene	2.893	2.869	0.8	90	0.00
90 T	Hexachloroethane	0.631	0.620	1.7	94	0.00
91 T	1,2-Dichlorobenzene	1.504	1.518	-0.9	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.154	0.166	-7.8	96	0.00
93 T	1,2,4-Trichlorobenzene	0.894	0.928	-3.8	94	0.00
94 T	Hexachlorobutadiene	0.529	0.518	2.1	92	0.00
95 T	Naphthalene	1.948	2.222	-14.1	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.815	0.856	-5.0	97	0.00

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