

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
 Data File : VY015820.D
 Acq On : 04 Oct 2023 09:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 04 15:54:20 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	127	0.00
2 T	Dichlorodifluoromethane	0.330	0.343	-3.9	122	0.00
3 P	Chloromethane	0.416	0.401	3.6	114	0.00
4 C	Vinyl Chloride	0.475	0.511	-7.6#	126	0.00
5 T	Bromomethane	0.361	0.340	5.8	106	0.00
6 T	Chloroethane	0.352	0.390	-10.8	131	0.00
7 T	Trichlorofluoromethane	0.797	0.896	-12.4	138	0.00
8 T	Diethyl Ether	0.340	0.348	-2.4	124	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.499	0.559	-12.0	136	0.00
10 T	Methyl Iodide	0.519	0.584	-12.5	122	0.00
11 T	Tert butyl alcohol	0.174	0.127	27.0#	152#	0.02
12 CM	1,1-Dichloroethene	0.440	0.470	-6.8#	130	0.00
13 T	Acrolein	0.084	0.066	21.4	98	0.00
14 T	Allyl chloride	0.804	0.822	-2.2	123	0.00
15 T	Acrylonitrile	0.249	0.260	-4.4	132	0.00
16 T	Acetone	0.294	0.270	8.2	121	0.01
17 T	Carbon Disulfide	0.855	0.806	5.7	108	0.00
18 T	Methyl Acetate	0.988	1.415	-43.2#	179#	0.00
19 T	Methyl tert-butyl Ether	1.792	1.969	-9.9	134	0.00
20 T	Methylene Chloride	0.779	0.660	15.3	128	0.00
21 T	trans-1,2-Dichloroethene	0.503	0.532	-5.8	124	0.00
22 T	Diisopropyl ether	1.936	2.018	-4.2	124	0.00
23 T	Vinyl Acetate	1.195	1.044	12.6	106	0.00
24 P	1,1-Dichloroethane	1.055	1.115	-5.7	128	0.00
25 T	2-Butanone	0.416	0.404	2.9	130	0.00
26 T	2,2-Dichloropropane	0.964	0.991	-2.8	134	0.00
27 T	cis-1,2-Dichloroethene	0.667	0.714	-7.0	129	0.00
28 T	Bromochloromethane	0.286	0.274	4.2	119	0.00
29 T	Tetrahydrofuran	0.235	0.251	-6.8	136	0.00
30 C	Chloroform	1.130	1.213	-7.3#	132	0.00
31 T	Cyclohexane	0.762	0.759	0.4	125	0.00
32 T	1,1,1-Trichloroethane	0.933	1.061	-13.7	138	0.00
33 S	1,2-Dichloroethane-d4	0.550	0.455	17.3	116	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	123	0.00
35 S	Dibromofluoromethane	0.299	0.259	13.4	113	0.00
36 T	1,1-Dichloropropene	0.442	0.487	-10.2	131	0.00
37 T	Ethyl Acetate	0.441	0.424	3.9	119	0.01
38 T	Carbon Tetrachloride	0.480	0.567	-18.1	140	0.00
39 T	Methylcyclohexane	0.489	0.552	-12.9	132	0.00
40 TM	Benzene	1.349	1.463	-8.5	127	0.00
41 T	Methacrylonitrile	0.238	0.277	-16.4	161#	0.01
42 TM	1,2-Dichloroethane	0.462	0.507	-9.7	130	0.00
43 T	Isopropyl Acetate	0.754	0.770	-2.1	124	0.00
44 TM	Trichloroethene	0.377	0.420	-11.4	131	0.00
45 C	1,2-Dichloropropane	0.376	0.410	-9.0#	127	0.00
46 T	Dibromomethane	0.241	0.271	-12.4	133	0.01
47 T	Bromodichloromethane	0.537	0.607	-13.0	133	0.00
48 T	Methyl methacrylate	0.331	0.377	-13.9	137	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.005	0.006	-20.0	155#	0.02
50 S	Toluene-d8	1.015	0.900	11.3	122	0.00
51 T	4-Methyl-2-Pentanone	0.467	0.522	-11.8	136	0.00
52 CM	Toluene	0.870	0.957	-10.0#	128	0.00
53 T	t-1,3-Dichloropropene	0.575	0.634	-10.3	129	0.00
54 T	cis-1,3-Dichloropropene	0.619	0.672	-8.6	127	0.00
55 T	1,1,2-Trichloroethane	0.353	0.390	-10.5	132	0.00
56 T	Ethyl methacrylate	0.520	0.589	-13.3	131	0.00
57 T	1,3-Dichloropropane	0.592	0.643	-8.6	129	0.00
58 T	2-Chloroethyl Vinyl ether	0.165	0.148	10.3	115	0.00
59 T	2-Hexanone	0.359	0.397	-10.6	137	0.00
60 T	Dibromochloromethane	0.412	0.470	-14.1	135	0.00
61 T	1,2-Dibromoethane	0.345	0.377	-9.3	133	0.00
62 S	4-Bromofluorobenzene	0.398	0.359	9.8	121	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	121	0.00
64 T	Tetrachloroethene	0.429	0.505	-17.7	137	0.00
65 PM	Chlorobenzene	1.091	1.219	-11.7	131	0.00
66 T	1,1,1,2-Tetrachloroethane	0.424	0.495	-16.7	135	0.00
67 C	Ethyl Benzene	1.908	2.156	-13.0#	130	0.00
68 T	m/p-Xylenes	0.725	0.821	-13.2	130	0.00
69 T	o-Xylene	0.711	0.818	-15.0	131	0.00
70 T	Styrene	1.217	1.412	-16.0	131	0.00
71 P	Bromoform	0.307	0.375	-22.1	141	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	116	0.00
73 T	Isopropylbenzene	3.751	4.501	-20.0	135	0.00
74 T	N-amyl acetate	1.410	1.502	-6.5	118	0.00
75 P	1,1,2,2-Tetrachloroethane	1.044	1.216	-16.5	136	0.00
76 T	1,2,3-Trichloropropane	0.798	0.995	-24.7	139	0.00
77 T	Bromobenzene	0.921	1.066	-15.7	131	0.00
78 T	n-propylbenzene	4.557	5.316	-16.7	129	0.00
79 T	2-Chlorotoluene	2.597	3.023	-16.4	129	0.00
80 T	1,3,5-Trimethylbenzene	3.140	3.711	-18.2	131	0.00
81 T	trans-1,4-Dichloro-2-butene	0.354	0.424	-19.8	135	0.00
82 T	4-Chlorotoluene	2.712	3.085	-13.8	126	0.00
83 T	tert-Butylbenzene	2.750	3.363	-22.3	136	0.00
84 T	1,2,4-Trimethylbenzene	3.142	3.669	-16.8	128	0.00
85 T	sec-Butylbenzene	4.116	4.938	-20.0	132	0.00
86 T	p-Isopropyltoluene	3.438	4.077	-18.6	130	0.00
87 T	1,3-Dichlorobenzene	1.827	2.105	-15.2	129	0.00
88 T	1,4-Dichlorobenzene	1.827	2.080	-13.8	128	0.00
89 T	n-Butylbenzene	3.256	3.680	-13.0	125	0.00
90 T	Hexachloroethane	0.664	0.803	-20.9	135	0.00
91 T	1,2-Dichlorobenzene	1.686	1.958	-16.1	130	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.207	0.248	-19.8	143	0.00
93 T	1,2,4-Trichlorobenzene	1.062	1.208	-13.7	126	0.00
94 T	Hexachlorobutadiene	0.544	0.629	-15.6	127	0.00
95 T	Naphthalene	2.768	3.404	-23.0	135	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.980	1.126	-14.9	127	0.00

(#) = Out of Range

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