

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092023\
 Data File : VY015664.D
 Acq On : 20 Sep 2023 17:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 21 03:44:12 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	81	0.00
2 T	Dichlorodifluoromethane	0.330	0.380	-15.2	86	0.00
3 P	Chloromethane	0.416	0.487	-17.1	88	0.00
4 C	Vinyl Chloride	0.475	0.563	-18.5#	88	0.00
5 T	Bromomethane	0.361	0.452	-25.2#	90	0.00
6 T	Chloroethane	0.352	0.417	-18.5	89	0.00
7 T	Trichlorofluoromethane	0.797	0.915	-14.8	89	0.00
8 T	Diethyl Ether	0.340	0.405	-19.1	92	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.499	0.574	-15.0	89	0.00
10 T	Methyl Iodide	0.519	0.571	-10.0	76	0.00
11 T	Tert butyl alcohol	0.174	0.145	16.7	110	0.01
12 CM	1,1-Dichloroethene	0.440	0.510	-15.9#	90	0.00
13 T	Acrolein	0.084	0.090	-7.1	86	0.00
14 T	Allyl chloride	0.804	0.950	-18.2	90	0.00
15 T	Acrylonitrile	0.249	0.307	-23.3	99	0.00
16 T	Acetone	0.294	0.313	-6.5	89	0.00
17 T	Carbon Disulfide	0.855	1.011	-18.2	86	0.00
18 T	Methyl Acetate	0.988	1.249	-26.4#	101	0.00
19 T	Methyl tert-butyl Ether	1.792	2.137	-19.3	92	0.00
20 T	Methylene Chloride	0.779	0.757	2.8	93	0.00
21 T	trans-1,2-Dichloroethene	0.503	0.594	-18.1	88	0.00
22 T	Diisopropyl ether	1.936	2.274	-17.5	89	0.00
23 T	Vinyl Acetate	1.195	1.428	-19.5	92	0.00
24 P	1,1-Dichloroethane	1.055	1.214	-15.1	89	0.00
25 T	2-Butanone	0.416	0.482	-15.9	99	0.00
26 T	2,2-Dichloropropane	0.964	1.047	-8.6	90	0.00
27 T	cis-1,2-Dichloroethene	0.667	0.772	-15.7	89	0.00
28 T	Bromochloromethane	0.286	0.326	-14.0	90	0.00
29 T	Tetrahydrofuran	0.235	0.297	-26.4#	102	0.00
30 C	Chloroform	1.130	1.304	-15.4#	90	0.00
31 T	Cyclohexane	0.762	0.826	-8.4	87	0.00
32 T	1,1,1-Trichloroethane	0.933	1.086	-16.4	90	0.00
33 S	1,2-Dichloroethane-d4	0.550	0.573	-4.2	93	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
35 S	Dibromofluoromethane	0.299	0.317	-6.0	92	0.00
36 T	1,1-Dichloropropene	0.442	0.499	-12.9	89	0.00
37 T	Ethyl Acetate	0.441	0.533	-20.9	100	0.01
38 T	Carbon Tetrachloride	0.480	0.547	-14.0	90	0.00
39 T	Methylcyclohexane	0.489	0.546	-11.7	87	0.00
40 TM	Benzene	1.349	1.538	-14.0	89	0.00
41 T	Methacrylonitrile	0.238	0.276	-16.0	107	0.00
42 TM	1,2-Dichloroethane	0.462	0.525	-13.6	90	0.00
43 T	Isopropyl Acetate	0.754	0.904	-19.9	97	0.00
44 TM	Trichloroethene	0.377	0.428	-13.5	89	0.00
45 C	1,2-Dichloropropane	0.376	0.438	-16.5#	91	0.00
46 T	Dibromomethane	0.241	0.282	-17.0	92	0.01
47 T	Bromodichloromethane	0.537	0.615	-14.5	90	0.00
48 T	Methyl methacrylate	0.331	0.402	-21.5	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.005	0.006	-20.0	110	0.01
50 S	Toluene-d8	1.015	1.004	1.1	91	0.00
51 T	4-Methyl-2-Pentanone	0.467	0.571	-22.3	99	0.00
52 CM	Toluene	0.870	0.984	-13.1#	88	0.00
53 T	t-1,3-Dichloropropene	0.575	0.665	-15.7	90	0.00
54 T	cis-1,3-Dichloropropene	0.619	0.711	-14.9	90	0.00
55 T	1,1,2-Trichloroethane	0.353	0.417	-18.1	94	0.00
56 T	Ethyl methacrylate	0.520	0.629	-21.0	94	0.00
57 T	1,3-Dichloropropane	0.592	0.689	-16.4	92	0.00
58 T	2-Chloroethyl Vinyl ether	0.165	0.194	-17.6	100	0.00
59 T	2-Hexanone	0.359	0.431	-20.1	99	0.00
60 T	Dibromochloromethane	0.412	0.479	-16.3	92	0.00
61 T	1,2-Dibromoethane	0.345	0.400	-15.9	94	0.00
62 S	4-Bromofluorobenzene	0.398	0.407	-2.3	92	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64 T	Tetrachloroethene	0.429	0.502	-17.0	93	0.00
65 PM	Chlorobenzene	1.091	1.221	-11.9	90	0.00
66 T	1,1,1,2-Tetrachloroethane	0.424	0.483	-13.9	90	0.00
67 C	Ethyl Benzene	1.908	2.147	-12.5#	88	0.00
68 T	m/p-Xylenes	0.725	0.819	-13.0	89	0.00
69 T	o-Xylene	0.711	0.804	-13.1	88	0.00
70 T	Styrene	1.217	1.417	-16.4	90	0.00
71 P	Bromoform	0.307	0.370	-20.5	95	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	83	0.00
73 T	Isopropylbenzene	3.751	4.177	-11.4	89	0.00
74 T	N-amyl acetate	1.410	1.670	-18.4	94	0.00
75 P	1,1,2,2-Tetrachloroethane	1.044	1.196	-14.6	95	0.00
76 T	1,2,3-Trichloropropane	0.798	0.924	-15.8	92	0.00
77 T	Bromobenzene	0.921	1.027	-11.5	90	0.00
78 T	n-propylbenzene	4.557	5.057	-11.0	87	0.00
79 T	2-Chlorotoluene	2.597	2.901	-11.7	88	0.00
80 T	1,3,5-Trimethylbenzene	3.140	3.494	-11.3	88	0.00
81 T	trans-1,4-Dichloro-2-butene	0.354	0.418	-18.1	95	0.00
82 T	4-Chlorotoluene	2.712	3.030	-11.7	88	0.00
83 T	tert-Butylbenzene	2.750	3.088	-12.3	89	0.00
84 T	1,2,4-Trimethylbenzene	3.142	3.571	-13.7	89	0.00
85 T	sec-Butylbenzene	4.116	4.562	-10.8	87	0.00
86 T	p-Isopropyltoluene	3.438	3.837	-11.6	87	0.00
87 T	1,3-Dichlorobenzene	1.827	2.027	-10.9	88	0.00
88 T	1,4-Dichlorobenzene	1.827	2.038	-11.5	89	0.00
89 T	n-Butylbenzene	3.256	3.590	-10.3	87	0.00
90 T	Hexachloroethane	0.664	0.738	-11.1	88	0.00
91 T	1,2-Dichlorobenzene	1.686	1.890	-12.1	89	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.207	0.246	-18.8	101	0.00
93 T	1,2,4-Trichlorobenzene	1.062	1.166	-9.8	87	0.00
94 T	Hexachlorobutadiene	0.544	0.582	-7.0	84	0.00
95 T	Naphthalene	2.768	3.255	-17.6	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.980	1.084	-10.6	87	0.00

(#) = Out of Range

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