

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014327.D
 Acq On : 21 Jun 2023 10:29
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 22 01:55:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 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	97	0.00
2 T	Dichlorodifluoromethane	0.557	0.556	0.2	99	0.00
3 P	Chloromethane	0.707	0.625	11.6	91	0.00
4 C	Vinyl Chloride	0.687	0.645	6.1#	94	0.00
5 T	Bromomethane	0.567	0.451	20.5	88	-0.02
6 T	Chloroethane	0.467	0.409	12.4	92	0.00
7 T	Trichlorofluoromethane	1.116	1.187	-6.4	106	0.00
8 T	Diethyl Ether	0.373	0.379	-1.6	104	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.563	0.623	-10.7	107	0.00
10 T	Methyl Iodide	0.744	0.720	3.2	92	0.00
11 T	Tert butyl alcohol	0.092	0.131	-42.4#	172#	0.00
12 CM	1,1-Dichloroethene	0.571	0.583	-2.1#	102	0.00
13 T	Acrolein	0.044	0.039	11.4	115	0.00
14 T	Allyl chloride	1.035	1.033	0.2	98	0.00
15 T	Acrylonitrile	0.192	0.244	-27.1#	129	0.00
16 T	Acetone	0.210	0.256	-21.9	139	0.00
17 T	Carbon Disulfide	1.850	1.742	5.8	95	0.00
18 T	Methyl Acetate	0.815	0.988	-21.2	130	0.00
19 T	Methyl tert-butyl Ether	1.684	1.846	-9.6	105	0.00
20 T	Methylene Chloride	0.775	0.699	9.8	100	0.00
21 T	trans-1,2-Dichloroethene	0.637	0.659	-3.5	100	0.00
22 T	Diisopropyl ether	1.981	2.114	-6.7	104	0.00
23 T	Vinyl Acetate	1.169	1.331	-13.9	111	0.00
24 P	1,1-Dichloroethane	1.142	1.177	-3.1	103	0.00
25 T	2-Butanone	0.258	0.357	-38.4#	149	0.00
26 T	2,2-Dichloropropane	1.073	1.139	-6.2	107	0.00
27 T	cis-1,2-Dichloroethene	0.712	0.750	-5.3	106	0.00
28 T	Bromochloromethane	0.465	0.471	-1.3	107	0.00
29 T	Tetrahydrofuran	0.164	0.225	-37.2#	144	0.00
30 C	Chloroform	1.212	1.280	-5.6#	105	0.00
31 T	Cyclohexane	0.933	1.010	-8.3	110	0.00
32 T	1,1,1-Trichloroethane	1.093	1.191	-9.0	109	0.00
33 S	1,2-Dichloroethane-d4	0.696	0.665	4.5	105	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
35 S	Dibromofluoromethane	0.355	0.382	-7.6	107	0.00
36 T	1,1-Dichloropropene	0.553	0.616	-11.4	106	0.00
37 T	Ethyl Acetate	0.381	0.478	-25.5#	123	0.00
38 T	Carbon Tetrachloride	0.638	0.734	-15.0	109	0.00
39 T	Methylcyclohexane	0.613	0.728	-18.8	109	0.00
40 TM	Benzene	1.644	1.776	-8.0	104	0.00
41 T	Methacrylonitrile	0.195	0.260	-33.3#	147	0.00
42 TM	1,2-Dichloroethane	0.581	0.631	-8.6	107	0.00
43 T	Isopropyl Acetate	0.669	0.819	-22.4	119	0.00
44 TM	Trichloroethene	0.439	0.487	-10.9	105	0.00
45 C	1,2-Dichloropropane	0.418	0.450	-7.7#	104	0.00
46 T	Dibromomethane	0.257	0.286	-11.3	110	0.00
47 T	Bromodichloromethane	0.602	0.665	-10.5	106	0.00
48 T	Methyl methacrylate	0.312	0.397	-27.2#	124	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.005	-66.7#	138	-0.02
50 S	Toluene-d8	1.326	1.285	3.1	102	0.00
51 T	4-Methyl-2-Pentanone	0.363	0.494	-36.1#	133	0.00
52 CM	Toluene	1.019	1.133	-11.2#	106	0.00
53 T	t-1,3-Dichloropropene	0.634	0.708	-11.7	107	0.00
54 T	cis-1,3-Dichloropropene	0.691	0.757	-9.6	106	0.00
55 T	1,1,2-Trichloroethane	0.341	0.396	-16.1	113	0.00
56 T	Ethyl methacrylate	0.470	0.579	-23.2	114	0.00
57 T	1,3-Dichloropropane	0.583	0.662	-13.6	109	0.00
58 T	2-Chloroethyl Vinyl ether	0.177	0.268	-51.4#	125	0.00
59 T	2-Hexanone	0.262	0.367	-40.1#	139	0.00
60 T	Dibromochloromethane	0.436	0.511	-17.2	114	0.00
61 T	1,2-Dibromoethane	0.336	0.392	-16.7	114	0.00
62 S	4-Bromofluorobenzene	0.471	0.543	-15.3	117	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64 T	Tetrachloroethene	0.426	0.514	-20.7	121	0.00
65 PM	Chlorobenzene	1.201	1.276	-6.2	107	0.00
66 T	1,1,1,2-Tetrachloroethane	0.473	0.508	-7.4	107	0.00
67 C	Ethyl Benzene	2.103	2.330	-10.8#	108	0.00
68 T	m/p-Xylenes	0.809	0.898	-11.0	109	0.00
69 T	o-Xylene	0.765	0.850	-11.1	108	0.00
70 T	Styrene	1.305	1.471	-12.7	110	0.00
71 P	Bromoform	0.324	0.383	-18.2	120	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	108	0.00
73 T	Isopropylbenzene	3.814	4.096	-7.4	110	0.00
74 T	N-amyl acetate	1.209	1.400	-15.8	122	0.00
75 P	1,1,2,2-Tetrachloroethane	0.852	0.963	-13.0	123	0.00
76 T	1,2,3-Trichloropropane	0.656	0.698	-6.4	108	0.00
77 T	Bromobenzene	1.003	1.019	-1.6	107	0.00
78 T	n-propylbenzene	4.659	5.062	-8.6	112	0.00
79 T	2-Chlorotoluene	2.681	2.827	-5.4	112	0.00
80 T	1,3,5-Trimethylbenzene	3.266	3.517	-7.7	111	0.00
81 T	trans-1,4-Dichloro-2-butene	0.303	0.357	-17.8	124	0.00
82 T	4-Chlorotoluene	2.841	2.956	-4.0	109	0.00
83 T	tert-Butylbenzene	2.775	3.052	-10.0	114	0.00
84 T	1,2,4-Trimethylbenzene	3.233	3.531	-9.2	113	0.00
85 T	sec-Butylbenzene	4.035	4.508	-11.7	114	0.00
86 T	p-Isopropyltoluene	3.453	3.781	-9.5	112	0.00
87 T	1,3-Dichlorobenzene	1.914	1.993	-4.1	111	0.00
88 T	1,4-Dichlorobenzene	1.929	1.994	-3.4	112	0.00
89 T	n-Butylbenzene	3.203	3.564	-11.3	115	0.00
90 T	Hexachloroethane	0.688	0.733	-6.5	114	0.00
91 T	1,2-Dichlorobenzene	1.719	1.830	-6.5	114	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.162	0.196	-21.0	142	0.00
93 T	1,2,4-Trichlorobenzene	1.089	1.173	-7.7	116	0.00
94 T	Hexachlorobutadiene	0.629	0.680	-8.1	114	0.00
95 T	Naphthalene	2.210	2.658	-20.3	130	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.984	1.065	-8.2	119	0.00

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