

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101123\
 Data File : VY015937.D
 Acq On : 11 Oct 2023 20:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 12 02:02:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 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	96	0.00
2 T	Dichlorodifluoromethane	0.200	0.194	3.0	88	0.00
3 P	Chloromethane	0.205	0.227	-10.7	94	0.00
4 C	Vinyl Chloride	0.261	0.283	-8.4#	91	0.00
5 T	Bromomethane	0.214	0.233	-8.9	95	0.00
6 T	Chloroethane	0.205	0.211	-2.9	89	0.00
7 T	Trichlorofluoromethane	0.554	0.578	-4.3	94	0.00
8 T	Diethyl Ether	0.234	0.275	-17.5	104	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.376	0.383	-1.9	91	0.00
10 T	Methyl Iodide	0.333	0.315	5.4	76	0.00
11 T	Tert butyl alcohol	0.093	0.123	-32.3#	136	0.06
12 CM	1,1-Dichloroethene	0.289	0.316	-9.3#	95	0.00
13 T	Acrolein	0.027	0.037	-37.0#	124	0.01
14 T	Allyl chloride	0.533	0.597	-12.0	97	0.00
15 T	Acrylonitrile	0.161	0.249	-54.7#	140	0.02
16 T	Acetone	0.186	0.205	-10.2	111	0.02
17 T	Carbon Disulfide	0.365	0.424	-16.2	86	0.00
18 T	Methyl Acetate	0.610	1.036	-69.8#	144	0.01
19 T	Methyl tert-butyl Ether	1.310	1.602	-22.3	110	0.00
20 T	Methylene Chloride	0.630	0.577	8.4	113	0.00
21 T	trans-1,2-Dichloroethene	0.335	0.364	-8.7	93	0.00
22 T	Diisopropyl ether	1.425	1.574	-10.5	99	0.00
23 T	Vinyl Acetate	0.784	0.972	-24.0	110	0.00
24 P	1,1-Dichloroethane	0.785	0.826	-5.2	95	0.00
25 T	2-Butanone	0.247	0.358	-44.9#	137	0.01
26 T	2,2-Dichloropropane	0.730	0.671	8.1	86	0.00
27 T	cis-1,2-Dichloroethene	0.495	0.538	-8.7	97	0.00
28 T	Bromochloromethane	0.452	0.532	-17.7	115	0.00
29 T	Tetrahydrofuran	0.135	0.240	-77.8#	157#	0.00
30 C	Chloroform	0.876	0.938	-7.1#	98	0.00
31 T	Cyclohexane	0.482	0.462	4.1	90	0.00
32 T	1,1,1-Trichloroethane	0.715	0.755	-5.6	96	0.00
33 S	1,2-Dichloroethane-d4	0.450	0.498	-10.7	109	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35 S	Dibromofluoromethane	0.279	0.278	0.4	99	0.00
36 T	1,1-Dichloropropene	0.309	0.322	-4.2	92	0.00
37 T	Ethyl Acetate	0.265	0.479	-80.8#	163#	0.00
38 T	Carbon Tetrachloride	0.371	0.381	-2.7	94	0.00
39 T	Methylcyclohexane	0.314	0.323	-2.9	90	0.00
40 TM	Benzene	0.971	1.042	-7.3	96	0.00
41 T	Methacrylonitrile	0.165	0.182	-10.3	101	-0.01
42 TM	1,2-Dichloroethane	0.331	0.392	-18.4	107	0.00
43 T	Isopropyl Acetate	0.491	0.726	-47.9#	134	0.00
44 TM	Trichloroethene	0.281	0.315	-12.1	101	0.00
45 C	1,2-Dichloropropane	0.292	0.314	-7.5#	100	0.00
46 T	Dibromomethane	0.174	0.209	-20.1	109	0.00
47 T	Bromodichloromethane	0.432	0.470	-8.8	101	0.00
48 T	Methyl methacrylate	0.217	0.321	-47.9#	128	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.006	-100.0#	177#	0.03
50 S	Toluene-d8	0.919	0.924	-0.5	99	0.00
51 T	4-Methyl-2-Pentanone	0.294	0.484	-64.6#	149	0.00
52 CM	Toluene	0.644	0.687	-6.7#	97	0.00
53 T	t-1,3-Dichloropropene	0.437	0.497	-13.7	104	0.00
54 T	cis-1,3-Dichloropropene	0.475	0.514	-8.2	98	0.00
55 T	1,1,2-Trichloroethane	0.277	0.324	-17.0	108	0.00
56 T	Ethyl methacrylate	0.376	0.499	-32.7#	118	0.00
57 T	1,3-Dichloropropane	0.446	0.529	-18.6	109	0.00
58 T	2-Chloroethyl Vinyl ether	0.229	0.313	-36.7#	131	0.00
59 T	2-Hexanone	0.222	0.369	-66.2#	154#	0.00
60 T	Dibromochloromethane	0.332	0.384	-15.7	107	0.00
61 T	1,2-Dibromoethane	0.253	0.311	-22.9	112	0.00
62 S	4-Bromofluorobenzene	0.373	0.381	-2.1	105	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64 T	Tetrachloroethene	0.326	0.378	-16.0	110	0.00
65 PM	Chlorobenzene	0.872	0.889	-1.9	98	0.00
66 T	1,1,1,2-Tetrachloroethane	0.356	0.374	-5.1	101	0.00
67 C	Ethyl Benzene	1.496	1.521	-1.7#	96	0.00
68 T	m/p-Xylenes	0.564	0.575	-2.0	96	0.00
69 T	o-Xylene	0.564	0.588	-4.3	97	0.00
70 T	Styrene	0.984	1.044	-6.1	98	0.00
71 P	Bromoform	0.248	0.307	-23.8	117	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73 T	Isopropylbenzene	3.154	2.993	5.1	96	0.00
74 T	N-amyl acetate	0.994	1.261	-26.9#	123	0.00
75 P	1,1,2,2-Tetrachloroethane	0.818	0.965	-18.0	120	0.00
76 T	1,2,3-Trichloropropane	0.584	0.731	-25.2#	136	0.00
77 T	Bromobenzene	0.773	0.761	1.6	100	0.00
78 T	n-propylbenzene	3.793	3.542	6.6	94	0.00
79 T	2-Chlorotoluene	2.161	2.077	3.9	96	0.00
80 T	1,3,5-Trimethylbenzene	2.600	2.485	4.4	95	0.00
81 T	trans-1,4-Dichloro-2-butene	0.263	0.321	-22.1	118	0.00
82 T	4-Chlorotoluene	2.252	2.158	4.2	98	0.00
83 T	tert-Butylbenzene	2.426	2.292	5.5	94	0.00
84 T	1,2,4-Trimethylbenzene	2.618	2.527	3.5	96	0.00
85 T	sec-Butylbenzene	3.558	3.311	6.9	93	0.00
86 T	p-Isopropyltoluene	2.943	2.742	6.8	92	0.00
87 T	1,3-Dichlorobenzene	1.557	1.475	5.3	97	0.00
88 T	1,4-Dichlorobenzene	1.568	1.468	6.4	96	0.00
89 T	n-Butylbenzene	2.785	2.621	5.9	94	0.00
90 T	Hexachloroethane	0.591	0.543	8.1	93	0.00
91 T	1,2-Dichlorobenzene	1.447	1.437	0.7	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.144	0.221	-53.5#	152#	0.00
93 T	1,2,4-Trichlorobenzene	0.928	0.917	1.2	99	0.00
94 T	Hexachlorobutadiene	0.497	0.445	10.5	91	0.00
95 T	Naphthalene	2.146	2.938	-36.9#	134	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.825	0.872	-5.7	107	0.00

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