

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052924\
 Data File : VY018402.D
 Acq On : 29 May 2024 16:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 30 04:07:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 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	73	0.00
2 T	Dichlorodifluoromethane	0.427	0.375	12.2	64	0.00
3 P	Chloromethane	0.694	0.797	-14.8	84	0.00
4 C	Vinyl Chloride	0.776	0.979	-26.2#	87	0.00
5 T	Bromomethane	0.555	0.648	-16.8	88	0.00
6 T	Chloroethane	0.504	0.643	-27.6#	91	0.00
7 T	Trichlorofluoromethane	0.871	0.989	-13.5	81	0.00
8 T	Diethyl Ether	0.278	0.332	-19.4	84	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.537	0.576	-7.3	77	0.00
10 T	Methyl Iodide	0.540	0.617	-14.3	76	0.00
11 T	Tert butyl alcohol	0.056	0.056	0.0	84	0.00
12 CM	1,1-Dichloroethene	0.529	0.566	-7.0#	75	0.00
13 T	Acrolein	0.044	0.038	13.6	68	0.00
14 T	Allyl chloride	0.739	0.913	-23.5	86	0.00
15 T	Acrylonitrile	0.120	0.161	-34.2#	91	0.00
16 T	Acetone	0.097	0.138	-42.3#	97	0.00
17 T	Carbon Disulfide	1.477	1.700	-15.1	74	0.00
18 T	Methyl Acetate	0.258	0.329	-27.5#	90	0.00
19 T	Methyl tert-butyl Ether	1.269	1.587	-25.1#	86	0.00
20 T	Methylene Chloride	0.659	0.734	-11.4	91	0.00
21 T	trans-1,2-Dichloroethene	0.558	0.661	-18.5	81	0.00
22 T	Diisopropyl ether	1.535	2.051	-33.6#	90	0.00
23 T	Vinyl Acetate	0.983	1.345	-36.8#	90	0.00
24 P	1,1-Dichloroethane	0.942	1.162	-23.4	84	0.00
25 T	2-Butanone	0.154	0.210	-36.4#	92	0.00
26 T	2,2-Dichloropropane	0.814	0.938	-15.2	80	0.00
27 T	cis-1,2-Dichloroethene	0.656	0.781	-19.1	81	0.00
28 T	Bromochloromethane	0.320	0.422	-31.9#	93	0.00
29 T	Tetrahydrofuran	0.102	0.139	-36.3#	92	0.00
30 C	Chloroform	0.960	1.186	-23.5#	86	0.00
31 T	Cyclohexane	0.908	1.011	-11.3	77	0.00
32 T	1,1,1-Trichloroethane	0.842	0.973	-15.6	80	0.00
33 S	1,2-Dichloroethane-d4	0.474	0.528	-11.4	85	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	79	0.00
35 S	Dibromofluoromethane	0.292	0.272	6.8	79	0.00
36 T	1,1-Dichloropropene	0.423	0.455	-7.6	81	0.00
37 T	Ethyl Acetate	0.202	0.250	-23.8	89	0.00
38 T	Carbon Tetrachloride	0.433	0.433	0.0	78	0.00
39 T	Methylcyclohexane	0.590	0.596	-1.0	76	0.00
40 TM	Benzene	1.289	1.447	-12.3	83	0.00
41 T	Methacrylonitrile	0.101	0.135	-33.7#	89	0.00
42 TM	1,2-Dichloroethane	0.310	0.362	-16.8	90	0.00
43 T	Isopropyl Acetate	0.395	0.485	-22.8	92	0.00
44 TM	Trichloroethene	0.330	0.339	-2.7	80	0.00
45 C	1,2-Dichloropropane	0.290	0.340	-17.2#	87	0.00
46 T	Dibromomethane	0.170	0.194	-14.1	87	0.00
47 T	Bromodichloromethane	0.413	0.472	-14.3	88	0.00
48 T	Methyl methacrylate	0.179	0.219	-22.3	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	90	0.00
50 S	Toluene-d8	1.137	1.090	4.1	82	0.00
51 T	4-Methyl-2-Pentanone	0.199	0.258	-29.6#	99	0.00
52 CM	Toluene	0.808	0.903	-11.8#	87	0.00
53 T	t-1,3-Dichloropropene	0.377	0.452	-19.9	93	0.00
54 T	cis-1,3-Dichloropropene	0.463	0.530	-14.5	84	0.00
55 T	1,1,2-Trichloroethane	0.225	0.261	-16.0	90	0.00
56 T	Ethyl methacrylate	0.309	0.388	-25.6#	98	0.00
57 T	1,3-Dichloropropane	0.382	0.458	-19.9	91	0.00
58 T	2-Chloroethyl Vinyl ether	0.140	0.171	-22.1	86	0.00
59 T	2-Hexanone	0.137	0.183	-33.6#	105	0.00
60 T	Dibromochloromethane	0.272	0.311	-14.3	87	0.00
61 T	1,2-Dibromoethane	0.208	0.245	-17.8	93	0.00
62 S	4-Bromofluorobenzene	0.351	0.356	-1.4	90	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
64 T	Tetrachloroethene	0.355	0.342	3.7	80	0.00
65 PM	Chlorobenzene	1.033	1.077	-4.3	86	0.00
66 T	1,1,1,2-Tetrachloroethane	0.327	0.354	-8.3	87	0.00
67 C	Ethyl Benzene	1.814	1.991	-9.8#	92	0.00
68 T	m/p-Xylenes	0.698	0.740	-6.0	87	0.00
69 T	o-Xylene	0.659	0.715	-8.5	89	0.00
70 T	Styrene	1.089	1.216	-11.7	90	0.00
71 P	Bromoform	0.173	0.188	-8.7	87	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73 T	Isopropylbenzene	3.930	3.962	-0.8	89	0.00
74 T	N-amyl acetate	0.917	1.013	-10.5	100	0.00
75 P	1,1,2,2-Tetrachloroethane	0.670	0.735	-9.7	101	0.00
76 T	1,2,3-Trichloropropane	0.449	0.477	-6.2	100	0.00
77 T	Bromobenzene	0.861	0.866	-0.6	87	0.00
78 T	n-propylbenzene	4.706	4.653	1.1	90	0.00
79 T	2-Chlorotoluene	2.548	2.562	-0.5	92	0.00
80 T	1,3,5-Trimethylbenzene	3.088	3.067	0.7	89	0.00
81 T	trans-1,4-Dichloro-2-butene	0.218	0.244	-11.9	105	0.00
82 T	4-Chlorotoluene	2.583	2.520	2.4	90	0.00
83 T	tert-Butylbenzene	2.855	2.795	2.1	88	0.00
84 T	1,2,4-Trimethylbenzene	3.037	3.004	1.1	89	0.00
85 T	sec-Butylbenzene	4.222	4.015	4.9	87	0.00
86 T	p-Isopropyltoluene	3.453	3.342	3.2	88	0.00
87 T	1,3-Dichlorobenzene	1.695	1.722	-1.6	90	0.00
88 T	1,4-Dichlorobenzene	1.687	1.682	0.3	90	0.00
89 T	n-Butylbenzene	3.245	3.103	4.4	88	0.00
90 T	Hexachloroethane	0.638	0.627	1.7	89	0.00
91 T	1,2-Dichlorobenzene	1.471	1.495	-1.6	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.092	0.103	-12.0	104	0.00
93 T	1,2,4-Trichlorobenzene	0.838	0.817	2.5	92	0.00
94 T	Hexachlorobutadiene	0.429	0.400	6.8	85	0.00
95 T	Naphthalene	1.647	1.733	-5.2	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.712	0.669	6.0	91	0.00

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