

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101922\
 Data File : VY011011.D
 Acq On : 19 Oct 2022 15:42
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 20 05:14:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 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	0.332	0.329	0.9	99	0.00
3 P	Chloromethane	0.476	0.483	-1.5	104	0.00
4 C	Vinyl Chloride	0.539	0.581	-7.8#	106	0.00
5 T	Bromomethane	0.373	0.401	-7.5	114	0.00
6 T	Chloroethane	0.360	0.400	-11.1	111	0.00
7 T	Trichlorofluoromethane	0.789	0.860	-9.0	108	0.00
8 T	Diethyl Ether	0.295	0.319	-8.1	106	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.495	0.533	-7.7	106	0.00
10 T	Methyl Iodide	0.606	0.698	-15.2	107	0.00
11 T	Tert butyl alcohol	0.062	0.061	1.6	120	-0.01
12 CM	1,1-Dichloroethene	0.474	0.501	-5.7#	104	0.00
13 T	Acrolein	0.074	0.066	10.8	87	0.00
14 T	Allyl chloride	0.752	0.803	-6.8	103	0.00
15 T	Acrylonitrile	0.154	0.165	-7.1	104	0.00
16 T	Acetone	0.134	0.157	-17.2	115	0.00
17 T	Carbon Disulfide	1.391	1.333	4.2	97	0.00
18 T	Methyl Acetate	0.428	0.388	9.3	102	0.00
19 T	Methyl tert-butyl Ether	1.325	1.508	-13.8	108	0.00
20 T	Methylene Chloride	0.761	0.687	9.7	115	0.00
21 T	trans-1,2-Dichloroethene	0.535	0.574	-7.3	105	0.00
22 T	Diisopropyl ether	1.611	1.816	-12.7	106	0.00
23 T	Vinyl Acetate	0.963	1.124	-16.7	106	0.00
24 P	1,1-Dichloroethane	0.973	1.081	-11.1	108	0.00
25 T	2-Butanone	0.203	0.221	-8.9	107	0.00
26 T	2,2-Dichloropropane	0.864	0.973	-12.6	111	0.00
27 T	cis-1,2-Dichloroethene	0.617	0.700	-13.5	109	0.00
28 T	Bromochloromethane	0.303	0.377	-24.4	97	0.00
29 T	Tetrahydrofuran	0.125	0.132	-5.6	102	0.00
30 C	Chloroform	0.980	1.108	-13.1#	108	0.00
31 T	Cyclohexane	0.881	0.874	0.8	102	0.00
32 T	1,1,1-Trichloroethane	0.862	0.967	-12.2	109	0.00
33 S	1,2-Dichloroethane-d4	0.461	0.456	1.1	99	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
35 S	Dibromofluoromethane	0.304	0.293	3.6	100	0.00
36 T	1,1-Dichloropropene	0.465	0.509	-9.5	106	0.00
37 T	Ethyl Acetate	0.258	0.282	-9.3	104	0.00
38 T	Carbon Tetrachloride	0.480	0.534	-11.3	107	0.00
39 T	Methylcyclohexane	0.557	0.606	-8.8	105	0.00
40 TM	Benzene	1.366	1.502	-10.0	106	0.00
41 T	Methacrylonitrile	0.140	0.161	-15.0	122	0.00
42 TM	1,2-Dichloroethane	0.378	0.430	-13.8	109	0.00
43 T	Isopropyl Acetate	0.460	0.521	-13.3	107	0.00
44 TM	Trichloroethene	0.370	0.408	-10.3	107	0.00
45 C	1,2-Dichloropropane	0.347	0.383	-10.4#	105	0.00
46 T	Dibromomethane	0.193	0.219	-13.5	109	0.00
47 T	Bromodichloromethane	0.466	0.539	-15.7	109	0.00
48 T	Methyl methacrylate	0.206	0.234	-13.6	105	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	104	0.00
50 S	Toluene-d8	1.044	1.027	1.6	95	0.00
51 T	4-Methyl-2-Pentanone	0.257	0.286	-11.3	104	0.00
52 CM	Toluene	0.848	0.965	-13.8#	108	0.00
53 T	t-1,3-Dichloropropene	0.484	0.553	-14.3	108	0.00
54 T	cis-1,3-Dichloropropene	0.554	0.635	-14.6	108	0.00
55 T	1,1,2-Trichloroethane	0.279	0.316	-13.3	108	0.00
56 T	Ethyl methacrylate	0.370	0.431	-16.5	106	0.00
57 T	1,3-Dichloropropane	0.479	0.541	-12.9	107	0.00
58 T	2-Chloroethyl Vinyl ether	0.164	0.209	-27.4#	103	0.00
59 T	2-Hexanone	0.176	0.202	-14.8	105	0.00
60 T	Dibromochloromethane	0.332	0.385	-16.0	110	0.00
61 T	1,2-Dibromoethane	0.267	0.299	-12.0	108	0.00
62 S	4-Bromofluorobenzene	0.418	0.378	9.6	99	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
64 T	Tetrachloroethene	0.389	0.431	-10.8	107	0.00
65 PM	Chlorobenzene	1.027	1.155	-12.5	108	0.00
66 T	1,1,1,2-Tetrachloroethane	0.380	0.432	-13.7	109	0.00
67 C	Ethyl Benzene	1.816	2.064	-13.7#	108	0.00
68 T	m/p-Xylenes	0.699	0.796	-13.9	108	0.00
69 T	o-Xylene	0.663	0.766	-15.5	108	0.00
70 T	Styrene	1.124	1.301	-15.7	108	0.00
71 P	Bromoform	0.234	0.269	-15.0	109	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
73 T	Isopropylbenzene	3.633	4.164	-14.6	108	0.00
74 T	N-amyl acetate	0.922	1.038	-12.6	104	0.00
75 P	1,1,2,2-Tetrachloroethane	0.762	0.835	-9.6	107	0.00
76 T	1,2,3-Trichloropropane	0.568	0.660	-16.2	113	0.00
77 T	Bromobenzene	0.849	0.963	-13.4	109	0.00
78 T	n-propylbenzene	4.420	5.050	-14.3	107	0.00
79 T	2-Chlorotoluene	2.489	2.825	-13.5	108	0.00
80 T	1,3,5-Trimethylbenzene	3.031	3.483	-14.9	108	0.00
81 T	trans-1,4-Dichloro-2-butene	0.264	0.298	-12.9	105	0.00
82 T	4-Chlorotoluene	2.592	2.944	-13.6	108	0.00
83 T	tert-Butylbenzene	2.621	3.013	-15.0	107	0.00
84 T	1,2,4-Trimethylbenzene	2.989	3.461	-15.8	108	0.00
85 T	sec-Butylbenzene	3.938	4.530	-15.0	107	0.00
86 T	p-Isopropyltoluene	3.267	3.755	-14.9	107	0.00
87 T	1,3-Dichlorobenzene	1.695	1.911	-12.7	109	0.00
88 T	1,4-Dichlorobenzene	1.685	1.876	-11.3	107	0.00
89 T	n-Butylbenzene	3.053	3.511	-15.0	106	0.00
90 T	Hexachloroethane	0.645	0.724	-12.2	107	0.00
91 T	1,2-Dichlorobenzene	1.516	1.718	-13.3	109	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.126	0.134	-6.3	105	0.00
93 T	1,2,4-Trichlorobenzene	0.906	1.019	-12.5	106	0.00
94 T	Hexachlorobutadiene	0.533	0.595	-11.6	107	0.00
95 T	Naphthalene	1.845	2.109	-14.3	105	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.791	0.881	-11.4	104	0.00

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