

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020924\
 Data File : VY017349.D
 Acq On : 09 Feb 2024 19:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 09 22:08:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 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	81	0.00
2 T	Dichlorodifluoromethane	0.379	0.415	-9.5	104	0.00
3 P	Chloromethane	0.681	0.789	-15.9	105	0.00
4 C	Vinyl Chloride	0.830	0.936	-12.8#	102	0.00
5 T	Bromomethane	0.575	0.673	-17.0	108	0.00
6 T	Chloroethane	0.536	0.626	-16.8	104	0.00
7 T	Trichlorofluoromethane	0.853	0.982	-15.1	103	0.00
8 T	Diethyl Ether	0.268	0.344	-28.4#	108	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.517	0.599	-15.9	102	0.00
10 T	Methyl Iodide	0.544	0.682	-25.4#	105	0.00
11 T	Tert butyl alcohol	0.044	0.049	-11.4	119	0.01
12 CM	1,1-Dichloroethene	0.485	0.574	-18.4#	104	0.00
13 T	Acrolein	0.041	0.039	4.9	92	0.00
14 T	Allyl chloride	0.733	0.897	-22.4	104	0.00
15 T	Acrylonitrile	0.121	0.160	-32.2#	114	0.00
16 T	Acetone	0.131	0.138	-5.3	99	0.00
17 T	Carbon Disulfide	1.547	1.765	-14.1	99	0.00
18 T	Methyl Acetate	0.293	0.429	-46.4#	113	0.00
19 T	Methyl tert-butyl Ether	1.167	1.521	-30.3#	110	0.00
20 T	Methylene Chloride	0.617	0.729	-18.2	114	0.00
21 T	trans-1,2-Dichloroethene	0.551	0.675	-22.5	105	0.00
22 T	Diisopropyl ether	1.609	2.027	-26.0#	105	0.00
23 T	Vinyl Acetate	0.975	1.232	-26.4#	107	0.00
24 P	1,1-Dichloroethane	0.986	1.190	-20.7	105	0.00
25 T	2-Butanone	0.175	0.210	-20.0	109	0.00
26 T	2,2-Dichloropropane	0.820	0.917	-11.8	97	0.00
27 T	cis-1,2-Dichloroethene	0.617	0.773	-25.3#	107	0.00
28 T	Bromochloromethane	0.377	0.376	0.3	76	0.00
29 T	Tetrahydrofuran	0.099	0.135	-36.4#	116	0.00
30 C	Chloroform	0.992	1.227	-23.7#	107	0.00
31 T	Cyclohexane	0.900	0.983	-9.2	98	0.00
32 T	1,1,1-Trichloroethane	0.853	1.025	-20.2	103	0.00
33 S	1,2-Dichloroethane-d4	0.447	0.502	-12.3	88	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
35 S	Dibromofluoromethane	0.270	0.307	-13.7	89	0.00
36 T	1,1-Dichloropropene	0.466	0.546	-17.2	99	0.00
37 T	Ethyl Acetate	0.216	0.269	-24.5	110	0.00
38 T	Carbon Tetrachloride	0.446	0.535	-20.0	104	0.00
39 T	Methylcyclohexane	0.544	0.633	-16.4	98	0.00
40 TM	Benzene	1.330	1.656	-24.5	107	0.00
41 T	Methacrylonitrile	0.102	0.137	-34.3#	117	0.00
42 TM	1,2-Dichloroethane	0.352	0.439	-24.7	107	0.00
43 T	Isopropyl Acetate	0.382	0.497	-30.1#	111	0.00
44 TM	Trichloroethene	0.338	0.422	-24.9	106	0.00
45 C	1,2-Dichloropropane	0.327	0.407	-24.5#	106	0.00
46 T	Dibromomethane	0.176	0.226	-28.4#	109	0.00
47 T	Bromodichloromethane	0.442	0.554	-25.3#	108	0.00
48 T	Methyl methacrylate	0.179	0.228	-27.4#	107	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	0.002	0.003	-50.0#	119	0.00
50 S	Toluene-d8	0.983	1.102	-12.1	85	0.00
51 T	4-Methyl-2-Pentanone	0.205	0.285	-39.0#	117	0.00
52 CM	Toluene	0.803	1.004	-25.0#	105	0.00
53 T	t-1,3-Dichloropropene	0.415	0.539	-29.9#	109	0.00
54 T	cis-1,3-Dichloropropene	0.497	0.632	-27.2#	107	0.00
55 T	1,1,2-Trichloroethane	0.240	0.313	-30.4#	110	0.00
56 T	Ethyl methacrylate	0.292	0.409	-40.1#	113	0.00
57 T	1,3-Dichloropropane	0.413	0.538	-30.3#	110	0.00
58 T	2-Chloroethyl Vinyl ether	0.150	0.173	-15.3	91	0.00
59 T	2-Hexanone	0.148	0.196	-32.4#	113	0.00
60 T	Dibromochloromethane	0.282	0.366	-29.8#	111	0.00
61 T	1,2-Dibromoethane	0.223	0.294	-31.8#	114	0.00
62 S	4-Bromofluorobenzene	0.322	0.373	-15.8	90	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
64 T	Tetrachloroethene	0.325	0.419	-28.9#	116	0.00
65 PM	Chlorobenzene	0.965	1.171	-21.3	108	0.00
66 T	1,1,1,2-Tetrachloroethane	0.351	0.438	-24.8	111	0.00
67 C	Ethyl Benzene	1.743	2.153	-23.5#	107	0.00
68 T	m/p-Xylenes	0.662	0.817	-23.4	107	0.00
69 T	o-Xylene	0.609	0.774	-27.1#	109	0.00
70 T	Styrene	1.004	1.301	-29.6#	109	0.00
71 P	Bromoform	0.184	0.244	-32.6#	118	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
73 T	Isopropylbenzene	3.673	4.384	-19.4	106	0.00
74 T	N-amyl acetate	0.825	1.064	-29.0#	115	0.00
75 P	1,1,2,2-Tetrachloroethane	0.722	0.890	-23.3	113	0.00
76 T	1,2,3-Trichloropropane	0.461	0.628	-36.2#	129	0.00
77 T	Bromobenzene	0.815	0.996	-22.2	112	0.00
78 T	n-propylbenzene	4.511	5.377	-19.2	106	0.00
79 T	2-Chlorotoluene	2.480	2.980	-20.2	109	0.00
80 T	1,3,5-Trimethylbenzene	2.921	3.543	-21.3	108	0.00
81 T	trans-1,4-Dichloro-2-butene	0.222	0.267	-20.3	109	0.00
82 T	4-Chlorotoluene	2.553	3.086	-20.9	109	0.00
83 T	tert-Butylbenzene	2.504	3.083	-23.1	109	0.00
84 T	1,2,4-Trimethylbenzene	2.884	3.561	-23.5	109	0.00
85 T	sec-Butylbenzene	3.914	4.684	-19.7	106	0.00
86 T	p-Isopropyltoluene	3.128	3.820	-22.1	108	0.00
87 T	1,3-Dichlorobenzene	1.625	1.980	-21.8	112	0.00
88 T	1,4-Dichlorobenzene	1.579	1.937	-22.7	115	0.00
89 T	n-Butylbenzene	2.974	3.603	-21.1	107	0.00
90 T	Hexachloroethane	0.642	0.765	-19.2	110	0.00
91 T	1,2-Dichlorobenzene	1.384	1.744	-26.0#	115	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.094	0.119	-26.6#	120	0.00
93 T	1,2,4-Trichlorobenzene	0.687	0.910	-32.5#	121	0.00
94 T	Hexachlorobutadiene	0.405	0.500	-23.5	118	0.00
95 T	Naphthalene	1.270	1.861	-46.5#	134	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.585	0.794	-35.7#	129	0.00

(#) = Out of Range

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