

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120924\
 Data File : VY020545.D
 Acq On : 09 Dec 2024 10:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 10 03:54:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 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	119	-0.01
2 T	Dichlorodifluoromethane	0.488	0.449	8.0	102	0.00
3 P	Chloromethane	0.494	0.453	8.3	103	0.00
4 C	Vinyl Chloride	0.503	0.471	6.4#	104	0.00
5 T	Bromomethane	0.295	0.284	3.7	110	-0.01
6 T	Chloroethane	0.309	0.290	6.1	109	0.00
7 T	Trichlorofluoromethane	0.943	0.860	8.8	106	-0.01
8 T	Diethyl Ether	0.267	0.248	7.1	111	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.549	0.499	9.1	108	0.00
10 T	Methyl Iodide	0.617	0.582	5.7	105	-0.01
11 T	Tert butyl alcohol	0.033	0.033	0.0	118	-0.02
12 CM	1,1-Dichloroethene	0.519	0.487	6.2#	109	-0.01
13 T	Acrolein	0.031	0.022	29.0#	94	-0.01
14 T	Allyl chloride	0.926	0.826	10.8	105	-0.02
15 T	Acrylonitrile	0.111	0.103	7.2	107	-0.02
16 T	Acetone	0.126	0.133	-5.6	109	-0.02
17 T	Carbon Disulfide	1.486	1.435	3.4	103	-0.01
18 T	Methyl Acetate	0.269	0.251	6.7	108	-0.02
19 T	Methyl tert-butyl Ether	1.326	1.211	8.7	107	-0.02
20 T	Methylene Chloride	0.538	0.499	7.2	111	-0.01
21 T	trans-1,2-Dichloroethene	0.576	0.531	7.8	109	-0.01
22 T	Diisopropyl ether	1.841	1.617	12.2	104	-0.01
23 T	Vinyl Acetate	0.974	0.878	9.9	102	-0.01
24 P	1,1-Dichloroethane	1.108	0.986	11.0	108	-0.02
25 T	2-Butanone	0.160	0.156	2.5	104	-0.02
26 T	2,2-Dichloropropane	1.048	0.930	11.3	107	-0.01
27 T	cis-1,2-Dichloroethene	0.673	0.615	8.6	109	-0.01
28 T	Bromochloromethane	0.414	0.377	8.9	101	-0.01
29 T	Tetrahydrofuran	0.091	0.083	8.8	101	-0.01
30 C	Chloroform	1.137	1.001	12.0#	108	-0.01
31 T	Cyclohexane	1.002	0.840	16.2	100	-0.01
32 T	1,1,1-Trichloroethane	1.095	0.959	12.4	106	-0.02
33 S	1,2-Dichloroethane-d4	0.509	0.489	3.9	105	-0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	121	0.00
35 S	Dibromofluoromethane	0.315	0.317	-0.6	111	-0.01
36 T	1,1-Dichloropropene	0.532	0.478	10.2	105	-0.01
37 T	Ethyl Acetate	0.211	0.191	9.5	106	-0.02
38 T	Carbon Tetrachloride	0.634	0.569	10.3	106	-0.01
39 T	Methylcyclohexane	0.660	0.592	10.3	103	0.00
40 TM	Benzene	1.567	1.400	10.7	107	-0.01
41 T	Methacrylonitrile	0.120	0.117	2.5	106	-0.01
42 TM	1,2-Dichloroethane	0.412	0.364	11.7	103	-0.01
43 T	Isopropyl Acetate	0.425	0.380	10.6	102	-0.01
44 TM	Trichloroethene	0.386	0.350	9.3	109	0.00
45 C	1,2-Dichloropropane	0.367	0.322	12.3#	108	0.00
46 T	Dibromomethane	0.182	0.165	9.3	108	0.00
47 T	Bromodichloromethane	0.535	0.475	11.2	108	-0.01
48 T	Methyl methacrylate	0.198	0.179	9.6	102	-0.01

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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	0.002	0.0	116	-0.02
50 S	Toluene-d8	1.199	1.189	0.8	109	-0.01
51 T	4-Methyl-2-Pentanone	0.210	0.192	8.6	103	-0.01
52 CM	Toluene	0.978	0.881	9.9#	107	0.00
53 T	t-1,3-Dichloropropene	0.480	0.438	8.7	107	0.00
54 T	cis-1,3-Dichloropropene	0.568	0.516	9.2	107	-0.01
55 T	1,1,2-Trichloroethane	0.242	0.222	8.3	109	0.00
56 T	Ethyl methacrylate	0.343	0.317	7.6	104	0.00
57 T	1,3-Dichloropropane	0.434	0.392	9.7	107	0.00
58 T	2-Chloroethyl Vinyl ether	0.160	0.139	13.1	84	-0.01
59 T	2-Hexanone	0.152	0.143	5.9	100	0.00
60 T	Dibromochloromethane	0.337	0.307	8.9	107	-0.01
61 T	1,2-Dibromoethane	0.222	0.201	9.5	107	-0.01
62 S	4-Bromofluorobenzene	0.419	0.411	1.9	110	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	119	-0.01
64 T	Tetrachloroethene	0.422	0.375	11.1	106	0.00
65 PM	Chlorobenzene	1.253	1.120	10.6	108	0.00
66 T	1,1,1,2-Tetrachloroethane	0.444	0.393	11.5	108	0.00
67 C	Ethyl Benzene	2.349	2.088	11.1#	106	0.00
68 T	m/p-Xylenes	0.860	0.778	9.5	109	0.00
69 T	o-Xylene	0.806	0.727	9.8	107	0.00
70 T	Styrene	1.344	1.208	10.1	107	0.00
71 P	Bromoform	0.226	0.210	7.1	108	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	115	0.00
73 T	Isopropylbenzene	4.838	4.295	11.2	109	0.00
74 T	N-amyl acetate	0.948	0.855	9.8	99	0.00
75 P	1,1,2,2-Tetrachloroethane	0.696	0.624	10.3	105	0.00
76 T	1,2,3-Trichloropropane	0.509	0.466	8.4	128	0.00
77 T	Bromobenzene	1.002	0.899	10.3	108	-0.01
78 T	n-propylbenzene	5.728	5.096	11.0	108	0.00
79 T	2-Chlorotoluene	3.232	2.839	12.2	107	0.00
80 T	1,3,5-Trimethylbenzene	3.877	3.448	11.1	107	0.00
81 T	trans-1,4-Dichloro-2-butene	0.248	0.227	8.5	104	0.00
82 T	4-Chlorotoluene	3.298	2.921	11.4	108	0.00
83 T	tert-Butylbenzene	3.505	3.157	9.9	110	0.00
84 T	1,2,4-Trimethylbenzene	3.768	3.378	10.4	108	0.00
85 T	sec-Butylbenzene	5.023	4.523	10.0	110	0.00
86 T	p-Isopropyltoluene	4.151	3.743	9.8	109	0.00
87 T	1,3-Dichlorobenzene	1.932	1.754	9.2	110	-0.01
88 T	1,4-Dichlorobenzene	1.891	1.679	11.2	107	-0.01
89 T	n-Butylbenzene	3.850	3.485	9.5	109	0.00
90 T	Hexachloroethane	0.809	0.720	11.0	110	0.00
91 T	1,2-Dichlorobenzene	1.639	1.468	10.4	107	-0.01
92 T	1,2-Dibromo-3-Chloropropane	0.105	0.095	9.5	102	0.00
93 T	1,2,4-Trichlorobenzene	0.921	0.865	6.1	109	0.00
94 T	Hexachlorobutadiene	0.645	0.609	5.6	109	0.00
95 T	Naphthalene	1.491	1.398	6.2	101	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.743	0.687	7.5	105	0.00

(#) = Out of Range

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