

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy110719\
 Data File : VY000595.D
 Acq On : 07 Nov 2019 20:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 08 05:45:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	108	0.00
2 T	Dichlorodifluoromethane	0.492	0.510	-3.7	107	0.00
3 P	Chloromethane	0.678	0.691	-1.9	109	0.00
4 C	Vinyl Chloride	0.630	0.652	-3.5#	110	0.00
5 T	Bromomethane	0.378	0.432	-14.3	129	0.00
6 T	Chloroethane	0.394	0.433	-9.9	119	0.00
7 T	Trichlorofluoromethane	0.850	0.938	-10.4	120	0.00
8 T	Diethyl Ether	0.302	0.357	-18.2	127	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.514	0.556	-8.2	119	0.00
10 T	Methyl Iodide	0.606	0.652	-7.6	108	0.00
11 T	Tert butyl alcohol	0.050	0.060	-20.0	139	0.00
12 CM	1,1-Dichloroethene	0.499	0.549	-10.0#	113	0.00
13 T	Acrolein	0.044	0.055	-25.0#	135	0.00
14 T	Allyl chloride	0.812	0.953	-17.4	125	0.00
15 T	Acrylonitrile	0.155	0.191	-23.2#	134	0.00
16 T	Acetone	0.143	0.151	-5.6	104	0.00
17 T	Carbon Disulfide	1.575	1.679	-6.6	114	0.00
18 T	Methyl Acetate	0.443	0.563	-27.1#	146	0.00
19 T	Methyl tert-butyl Ether	1.389	1.672	-20.4#	130	0.00
20 T	Methylene Chloride	0.611	0.648	-6.1	124	0.00
21 T	trans-1,2-Dichloroethene	0.565	0.625	-10.6	118	0.00
22 T	Diisopropyl ether	1.765	2.152	-21.9#	130	0.00
23 T	Vinyl Acetate	1.114	1.337	-20.0#	128	0.00
24 P	1,1-Dichloroethane	0.956	1.109	-16.0	126	0.00
25 T	2-Butanone	0.228	0.265	-16.2	121	0.00
26 T	2,2-Dichloropropane	0.874	0.905	-3.5	115	0.00
27 T	cis-1,2-Dichloroethene	0.617	0.721	-16.9	125	0.00
28 T	Bromochloromethane	0.388	0.484	-24.7#	111	0.00
29 T	Tetrahydrofuran	0.139	0.173	-24.5#	135	0.00
30 C	Chloroform	0.967	1.114	-15.2#	125	0.00
31 T	Cyclohexane	1.002	1.047	-4.5	116	0.00
32 T	1,1,1-Trichloroethane	0.862	0.971	-12.6	121	0.00
33 S	1,2-Dichloroethane-d4	0.517	0.607	-17.4	116	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	111	0.00
35 S	Dibromofluoromethane	0.294	0.303	-3.1	112	0.00
36 T	1,1-Dichloropropene	0.473	0.506	-7.0	122	0.00
37 T	Ethyl Acetate	0.281	0.324	-15.3	135	0.00
38 T	Carbon Tetrachloride	0.455	0.488	-7.3	119	0.00
39 T	Methylcyclohexane	0.611	0.641	-4.9	115	0.00
40 TM	Benzene	1.386	1.515	-9.3	123	0.00
41 T	Methacrylonitrile	0.157	0.138	12.1	107	-0.02
42 TM	1,2-Dichloroethane	0.393	0.449	-14.2	127	0.00
43 T	Isopropyl Acetate	0.527	0.628	-19.2	136	0.00
44 TM	Trichloroethene	0.365	0.391	-7.1	122	0.00
45 C	1,2-Dichloropropane	0.341	0.389	-14.1#	128	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.188	0.212	-12.8	127	0.00
47 T	Bromodichloromethane	0.445	0.515	-15.7	127	0.00
48 T	Methyl methacrylate	0.230	0.284	-23.5#	141	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	134	0.00
50 S	Toluene-d8	1.114	1.243	-11.6	112	0.00
51 T	4-Methyl-2-Pentanone	0.280	0.342	-22.1#	136	0.00
52 CM	Toluene	0.876	0.957	-9.2#	122	0.00
53 T	t-1,3-Dichloropropene	0.476	0.559	-17.4	126	0.00
54 T	cis-1,3-Dichloropropene	0.545	0.621	-13.9	125	0.00
55 T	1,1,2-Trichloroethane	0.271	0.312	-15.1	129	0.00
56 T	Ethyl methacrylate	0.385	0.477	-23.9#	133	0.00
57 T	1,3-Dichloropropane	0.475	0.553	-16.4	129	0.00
58 T	2-Chloroethyl Vinyl ether	0.174	0.191	-9.8	117	0.00
59 T	2-Hexanone	0.204	0.244	-19.6	128	0.00
60 T	Dibromochloromethane	0.311	0.358	-15.1	126	0.00
61 T	1,2-Dibromoethane	0.261	0.298	-14.2	125	0.00
62 S	4-Bromofluorobenzene	0.424	0.455	-7.3	115	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	117	0.00
64 T	Tetrachloroethene	0.413	0.434	-5.1	123	0.00
65 PM	Chlorobenzene	1.014	1.081	-6.6	125	0.00
66 T	1,1,1,2-Tetrachloroethane	0.352	0.390	-10.8	126	0.00
67 C	Ethyl Benzene	1.866	2.017	-8.1#	124	0.00
68 T	m/p-Xylenes	0.722	0.748	-3.6	117	0.00
69 T	o-Xylene	0.679	0.726	-6.9	125	0.00
70 T	Styrene	1.162	1.281	-10.2	124	0.00
71 P	Bromoform	0.202	0.231	-14.4	127	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	113	0.00
73 T	Isopropylbenzene	3.695	3.960	-7.2	122	0.00
74 T	N-amyl acetate	1.058	1.318	-24.6#	139	0.00
75 P	1,1,2,2-Tetrachloroethane	0.732	0.829	-13.3	131	0.00
76 T	1,2,3-Trichloropropane	0.569	0.630	-10.7	114	0.00
77 T	Bromobenzene	0.838	0.894	-6.7	123	0.00
78 T	n-propylbenzene	4.459	4.804	-7.7	122	0.00
79 T	2-Chlorotoluene	2.475	2.735	-10.5	127	0.00
80 T	1,3,5-Trimethylbenzene	3.078	3.337	-8.4	122	0.00
81 T	trans-1,4-Dichloro-2-butene	0.254	0.289	-13.8	126	0.00
82 T	4-Chlorotoluene	2.566	2.848	-11.0	126	0.00
83 T	tert-Butylbenzene	2.628	2.807	-6.8	120	0.00
84 T	1,2,4-Trimethylbenzene	3.064	3.392	-10.7	122	0.00
85 T	sec-Butylbenzene	3.744	4.039	-7.9	119	0.00
86 T	p-Isopropyltoluene	3.337	3.592	-7.6	120	0.00
87 T	1,3-Dichlorobenzene	1.641	1.752	-6.8	122	0.00
88 T	1,4-Dichlorobenzene	1.640	1.758	-7.2	121	0.00
89 T	n-Butylbenzene	3.291	3.589	-9.1	121	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.617	0.679	-10.0	122	0.00
91 T	1,2-Dichlorobenzene	1.489	1.620	-8.8	123	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.129	0.156	-20.9#	141	0.00
93 T	1,2,4-Trichlorobenzene	1.014	1.084	-6.9	125	0.00
94 T	Hexachlorobutadiene	0.523	0.540	-3.3	116	0.00
95 T	Naphthalene	2.251	2.558	-13.6	130	0.00
96 T	1,2,3-Trichlorobenzene	0.910	0.979	-7.6	122	0.00

(#) = Out of Range

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