

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy110719\
 Data File : VY000597.D
 Acq On : 07 Nov 2019 22:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 08 09:48:00 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	112	0.00
2 T	Dichlorodifluoromethane	0.492	0.515	-4.7	113	0.00
3 P	Chloromethane	0.678	0.706	-4.1	116	0.00
4 C	Vinyl Chloride	0.630	0.661	-4.9#	116	0.00
5 T	Bromomethane	0.378	0.430	-13.8	134	0.00
6 T	Chloroethane	0.394	0.435	-10.4	125	0.00
7 T	Trichlorofluoromethane	0.850	0.914	-7.5	122	0.00
8 T	Diethyl Ether	0.302	0.362	-19.9	134	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.514	0.546	-6.2	122	0.00
10 T	Methyl Iodide	0.606	0.712	-17.5	123	0.00
11 T	Tert butyl alcohol	0.050	0.059	-18.0	142	0.00
12 CM	1,1-Dichloroethene	0.499	0.533	-6.8#	115	0.00
13 T	Acrolein	0.044	0.053	-20.5#	137	0.00
14 T	Allyl chloride	0.812	0.979	-20.6#	134	0.00
15 T	Acrylonitrile	0.155	0.191	-23.2#	140	0.00
16 T	Acetone	0.143	0.145	-1.4	104	0.00
17 T	Carbon Disulfide	1.575	1.675	-6.3	119	0.00
18 T	Methyl Acetate	0.443	0.557	-25.7#	151#	0.00
19 T	Methyl tert-butyl Ether	1.389	1.678	-20.8#	136	0.00
20 T	Methylene Chloride	0.611	0.649	-6.2	130	0.00
21 T	trans-1,2-Dichloroethene	0.565	0.622	-10.1	123	0.00
22 T	Diisopropyl ether	1.765	2.221	-25.8#	140	0.00
23 T	Vinyl Acetate	1.114	1.375	-23.4#	137	0.00
24 P	1,1-Dichloroethane	0.956	1.126	-17.8	133	0.00
25 T	2-Butanone	0.228	0.260	-14.0	124	0.00
26 T	2,2-Dichloropropane	0.874	0.908	-3.9	120	0.00
27 T	cis-1,2-Dichloroethene	0.617	0.721	-16.9	131	0.00
28 T	Bromochloromethane	0.388	0.505	-30.2#	121	0.00
29 T	Tetrahydrofuran	0.139	0.172	-23.7#	140	0.00
30 C	Chloroform	0.967	1.118	-15.6#	130	0.00
31 T	Cyclohexane	1.002	1.046	-4.4	121	0.00
32 T	1,1,1-Trichloroethane	0.862	0.958	-11.1	125	0.00
33 S	1,2-Dichloroethane-d4	0.517	0.593	-14.7	118	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	117	0.00
35 S	Dibromofluoromethane	0.294	0.291	1.0	113	0.00
36 T	1,1-Dichloropropene	0.473	0.501	-5.9	127	0.00
37 T	Ethyl Acetate	0.281	0.323	-14.9	142	0.00
38 T	Carbon Tetrachloride	0.455	0.476	-4.6	123	0.00
39 T	Methylcyclohexane	0.611	0.634	-3.8	120	0.00
40 TM	Benzene	1.386	1.510	-8.9	129	0.00
41 T	Methacrylonitrile	0.157	0.165	-5.1	135	-0.02
42 TM	1,2-Dichloroethane	0.393	0.450	-14.5	134	0.00
43 T	Isopropyl Acetate	0.527	0.625	-18.6	143	0.00
44 TM	Trichloroethene	0.365	0.389	-6.6	128	0.00
45 C	1,2-Dichloropropane	0.341	0.394	-15.5#	137	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	0.208	-10.6	131	0.00
47 T	Bromodichloromethane	0.445	0.508	-14.2	131	0.00
48 T	Methyl methacrylate	0.230	0.286	-24.3#	149	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	133	0.00
50 S	Toluene-d8	1.114	1.183	-6.2	113	0.00
51 T	4-Methyl-2-Pentanone	0.280	0.333	-18.9	139	0.00
52 CM	Toluene	0.876	0.955	-9.0#	129	0.00
53 T	t-1,3-Dichloropropene	0.476	0.552	-16.0	131	0.00
54 T	cis-1,3-Dichloropropene	0.545	0.629	-15.4	134	0.00
55 T	1,1,2-Trichloroethane	0.271	0.319	-17.7	139	0.00
56 T	Ethyl methacrylate	0.385	0.473	-22.9#	139	0.00
57 T	1,3-Dichloropropane	0.475	0.553	-16.4	136	0.00
58 T	2-Chloroethyl Vinyl ether	0.174	0.194	-11.5	125	0.00
59 T	2-Hexanone	0.204	0.239	-17.2	132	0.00
60 T	Dibromochloromethane	0.311	0.357	-14.8	133	0.00
61 T	1,2-Dibromoethane	0.261	0.302	-15.7	133	0.00
62 S	4-Bromofluorobenzene	0.424	0.439	-3.5	117	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	121	0.00
64 T	Tetrachloroethene	0.413	0.429	-3.9	126	0.00
65 PM	Chlorobenzene	1.014	1.092	-7.7	131	0.00
66 T	1,1,1,2-Tetrachloroethane	0.352	0.388	-10.2	130	0.00
67 C	Ethyl Benzene	1.866	2.027	-8.6#	129	0.00
68 T	m/p-Xylenes	0.722	0.761	-5.4	124	0.00
69 T	o-Xylene	0.679	0.726	-6.9	129	0.00
70 T	Styrene	1.162	1.286	-10.7	130	0.00
71 P	Bromoform	0.202	0.231	-14.4	132	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	118	0.00
73 T	Isopropylbenzene	3.695	3.915	-6.0	127	0.00
74 T	N-amyl acetate	1.058	1.304	-23.3#	144	0.00
75 P	1,1,2,2-Tetrachloroethane	0.732	0.833	-13.8	138	0.00
76 T	1,2,3-Trichloropropane	0.569	0.714	-25.5#	135	0.00
77 T	Bromobenzene	0.838	0.879	-4.9	127	0.00
78 T	n-propylbenzene	4.459	4.722	-5.9	126	0.00
79 T	2-Chlorotoluene	2.475	2.674	-8.0	130	0.00
80 T	1,3,5-Trimethylbenzene	3.078	3.337	-8.4	128	0.00
81 T	trans-1,4-Dichloro-2-butene	0.254	0.300	-18.1	137	0.00
82 T	4-Chlorotoluene	2.566	2.852	-11.1	132	0.00
83 T	tert-Butylbenzene	2.628	2.790	-6.2	125	0.00
84 T	1,2,4-Trimethylbenzene	3.064	3.340	-9.0	126	0.00
85 T	sec-Butylbenzene	3.744	4.001	-6.9	124	0.00
86 T	p-Isopropyltoluene	3.337	3.562	-6.7	125	0.00
87 T	1,3-Dichlorobenzene	1.641	1.726	-5.2	126	0.00
88 T	1,4-Dichlorobenzene	1.640	1.731	-5.5	125	0.00
89 T	n-Butylbenzene	3.291	3.472	-5.5	123	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.617	0.668	-8.3	126	0.00
91 T	1,2-Dichlorobenzene	1.489	1.616	-8.5	128	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.129	0.147	-14.0	139	0.00
93 T	1,2,4-Trichlorobenzene	1.014	1.045	-3.1	127	0.00
94 T	Hexachlorobutadiene	0.523	0.513	1.9	115	0.00
95 T	Naphthalene	2.251	2.452	-8.9	131	0.00
96 T	1,2,3-Trichlorobenzene	0.910	0.947	-4.1	124	0.00

(#) = Out of Range

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