

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\VY011320\
 Data File : VY001188.D
 Acq On : 13 Jan 2020 18:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 14 11:28:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	80	0.00
2 T	Dichlorodifluoromethane	0.384	0.396	-3.1	85	0.00
3 P	Chloromethane	0.553	0.559	-1.1	86	0.00
4 C	Vinyl Chloride	0.558	0.595	-6.6#	86	0.00
5 T	Bromomethane	0.300	0.400	-33.3#	104	0.00
6 T	Chloroethane	0.322	0.382	-18.6	96	0.00
7 T	Trichlorofluoromethane	0.776	0.763	1.7	82	0.00
8 T	Diethyl Ether	0.302	0.328	-8.6	89	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.500	0.505	-1.0	83	0.00
10 T	Methyl Iodide	0.684	0.685	-0.1	81	0.00
11 T	Tert butyl alcohol	0.053	0.059	-11.3	100	0.00
12 CM	1,1-Dichloroethene	0.511	0.522	-2.2#	84	0.00
13 T	Acrolein	0.048	0.051	-6.2	90	0.00
14 T	Allyl chloride	0.863	0.899	-4.2	85	0.00
15 T	Acrylonitrile	0.151	0.171	-13.2	95	0.00
16 T	Acetone	0.123	0.147	-19.5	103	0.00
17 T	Carbon Disulfide	1.654	1.705	-3.1	84	0.00
18 T	Methyl Acetate	0.405	0.433	-6.9	92	0.00
19 T	Methyl tert-butyl Ether	1.414	1.531	-8.3	88	0.00
20 T	Methylene Chloride	0.683	0.634	7.2	91	0.00
21 T	trans-1,2-Dichloroethene	0.580	0.606	-4.5	85	0.00
22 T	Diisopropyl ether	1.762	1.904	-8.1	88	0.00
23 T	Vinyl Acetate	1.127	1.225	-8.7	87	0.00
24 P	1,1-Dichloroethane	0.965	1.015	-5.2	86	0.00
25 T	2-Butanone	0.191	0.229	-19.9	99	0.00
26 T	2,2-Dichloropropane	0.887	0.850	4.2	80	0.00
27 T	cis-1,2-Dichloroethene	0.635	0.686	-8.0	87	0.00
28 T	Bromochloromethane	0.396	0.454	-14.6	85	0.00
29 T	Tetrahydrofuran	0.131	0.152	-16.0	96	0.00
30 C	Chloroform	0.945	0.992	-5.0#	85	0.00
31 T	Cyclohexane	1.021	0.992	2.8	82	0.00
32 T	1,1,1-Trichloroethane	0.839	0.851	-1.4	82	0.00
33 S	1,2-Dichloroethane-d4	0.528	0.573	-8.5	84	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
35 S	Dibromofluoromethane	0.293	0.301	-2.7	86	0.00
36 T	1,1-Dichloropropene	0.456	0.449	1.5	83	0.00
37 T	Ethyl Acetate	0.267	0.284	-6.4	91	0.00
38 T	Carbon Tetrachloride	0.418	0.410	1.9	82	0.00
39 T	Methylcyclohexane	0.618	0.606	1.9	82	0.00
40 TM	Benzene	1.330	1.383	-4.0	87	0.00
41 T	Methacrylonitrile	0.126	0.131	-4.0	87	0.00
42 TM	1,2-Dichloroethane	0.372	0.382	-2.7	86	0.00
43 T	Isopropyl Acetate	0.511	0.557	-9.0	92	0.00
44 TM	Trichloroethene	0.347	0.364	-4.9	87	0.00
45 C	1,2-Dichloropropane	0.329	0.349	-6.1#	89	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.179	0.193	-7.8	90	0.00
47 T	Bromodichloromethane	0.437	0.457	-4.6	88	0.00
48 T	Methyl methacrylate	0.237	0.255	-7.6	90	0.00
49 T	1,4-Dioxane	0.002	0.003	-50.0#	91	0.00
50 S	Toluene-d8	1.128	1.235	-9.5	86	0.00
51 T	4-Methyl-2-Pentanone	0.259	0.288	-11.2	94	0.00
52 CM	Toluene	0.848	0.892	-5.2#	87	0.00
53 T	t-1,3-Dichloropropene	0.489	0.512	-4.7	87	0.00
54 T	cis-1,3-Dichloropropene	0.552	0.576	-4.3	87	0.00
55 T	1,1,2-Trichloroethane	0.266	0.287	-7.9	90	0.00
56 T	Ethyl methacrylate	0.407	0.444	-9.1	91	0.00
57 T	1,3-Dichloropropane	0.457	0.497	-8.8	90	0.00
58 T	2-Chloroethyl Vinyl ether	0.143	0.139	2.8	89	0.00
59 T	2-Hexanone	0.182	0.210	-15.4	96	0.00
60 T	Dibromochloromethane	0.306	0.330	-7.8	89	0.00
61 T	1,2-Dibromoethane	0.260	0.279	-7.3	90	0.00
62 S	4-Bromofluorobenzene	0.461	0.476	-3.3	85	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
64 T	Tetrachloroethene	0.322	0.358	-11.2	94	0.00
65 PM	Chlorobenzene	0.999	1.040	-4.1	88	0.00
66 T	1,1,1,2-Tetrachloroethane	0.344	0.358	-4.1	87	0.00
67 C	Ethyl Benzene	1.828	1.877	-2.7#	87	0.00
68 T	m/p-Xylenes	0.689	0.716	-3.9	86	0.00
69 T	o-Xylene	0.661	0.690	-4.4	88	0.00
70 T	Styrene	1.160	1.232	-6.2	89	0.00
71 P	Bromoform	0.212	0.226	-6.6	89	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.00
73 T	Isopropylbenzene	3.759	3.794	-0.9	87	0.00
74 T	N-amyl acetate	1.173	1.302	-11.0	94	0.00
75 P	1,1,2,2-Tetrachloroethane	0.791	0.840	-6.2	92	0.00
76 T	1,2,3-Trichloropropane	0.535	0.685	-28.0#	117	0.00
77 T	Bromobenzene	0.831	0.866	-4.2	90	0.00
78 T	n-propylbenzene	4.521	4.564	-1.0	86	0.00
79 T	2-Chlorotoluene	2.597	2.636	-1.5	87	0.00
80 T	1,3,5-Trimethylbenzene	3.136	3.195	-1.9	86	0.00
81 T	trans-1,4-Dichloro-2-butene	0.316	0.324	-2.5	89	0.00
82 T	4-Chlorotoluene	2.772	2.775	-0.1	85	0.00
83 T	tert-Butylbenzene	2.635	2.622	0.5	85	0.00
84 T	1,2,4-Trimethylbenzene	3.115	3.204	-2.9	87	0.00
85 T	sec-Butylbenzene	3.791	3.831	-1.1	86	0.00
86 T	p-Isopropyltoluene	3.292	3.347	-1.7	86	0.00
87 T	1,3-Dichlorobenzene	1.571	1.655	-5.3	90	0.00
88 T	1,4-Dichlorobenzene	1.617	1.671	-3.3	89	0.00
89 T	n-Butylbenzene	3.315	3.342	-0.8	85	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.643	0.654	-1.7	86	0.00
91 T	1,2-Dichlorobenzene	1.460	1.542	-5.6	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.143	0.146	-2.1	89	0.00
93 T	1,2,4-Trichlorobenzene	0.962	1.005	-4.5	90	0.00
94 T	Hexachlorobutadiene	0.485	0.480	1.0	84	0.00
95 T	Naphthalene	2.239	2.423	-8.2	93	0.00
96 T	1,2,3-Trichlorobenzene	0.848	0.893	-5.3	92	0.00

(#) = Out of Range

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