

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\VY121719\
 Data File : VY000970.D
 Acq On : 17 Dec 2019 11:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 18 05:56:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	80	0.00
2 T	Dichlorodifluoromethane	0.538	0.476	11.5	71	0.00
3 P	Chloromethane	0.663	0.629	5.1	75	0.00
4 C	Vinyl Chloride	0.654	0.649	0.8#	79	0.00
5 T	Bromomethane	0.394	0.409	-3.8	82	0.00
6 T	Chloroethane	0.401	0.413	-3.0	79	0.00
7 T	Trichlorofluoromethane	0.896	0.930	-3.8	82	0.00
8 T	Diethyl Ether	0.337	0.381	-13.1	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.553	0.625	-13.0	89	0.00
10 T	Methyl Iodide	0.697	0.749	-7.5	82	0.00
11 T	Tert butyl alcohol	0.053	0.059	-11.3	82	0.00
12 CM	1,1-Dichloroethene	0.548	0.620	-13.1#	90	0.00
13 T	Acrolein	0.053	0.059	-11.3	92	0.00
14 T	Allyl chloride	0.940	1.019	-8.4	83	0.00
15 T	Acrylonitrile	0.174	0.201	-15.5	87	0.00
16 T	Acetone	0.122	0.114	6.6	73	0.00
17 T	Carbon Disulfide	1.773	1.797	-1.4	79	0.00
18 T	Methyl Acetate	0.510	0.567	-11.2	87	0.00
19 T	Methyl tert-butyl Ether	1.464	1.660	-13.4	84	-0.01
20 T	Methylene Chloride	0.642	0.705	-9.8	88	0.00
21 T	trans-1,2-Dichloroethene	0.623	0.690	-10.8	87	0.00
22 T	Diisopropyl ether	1.932	2.109	-9.2	83	0.00
23 T	Vinyl Acetate	1.175	1.298	-10.5	80	0.00
24 P	1,1-Dichloroethane	1.065	1.189	-11.6	86	-0.01
25 T	2-Butanone	0.225	0.230	-2.2	73	0.00
26 T	2,2-Dichloropropane	0.896	0.994	-10.9	87	-0.01
27 T	cis-1,2-Dichloroethene	0.674	0.771	-14.4	88	0.00
28 T	Bromochloromethane	0.360	0.397	-10.3	77	0.00
29 T	Tetrahydrofuran	0.149	0.164	-10.1	80	0.00
30 C	Chloroform	1.068	1.150	-7.7#	86	0.00
31 T	Cyclohexane	1.128	1.177	-4.3	83	0.00
32 T	1,1,1-Trichloroethane	0.882	0.982	-11.3	87	0.00
33 S	1,2-Dichloroethane-d4	0.531	0.516	2.8	79	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	78	0.00
35 S	Dibromofluoromethane	0.291	0.306	-5.2	84	0.00
36 T	1,1-Dichloropropene	0.497	0.551	-10.9	85	0.00
37 T	Ethyl Acetate	0.287	0.318	-10.8	81	-0.01
38 T	Carbon Tetrachloride	0.443	0.502	-13.3	86	0.00
39 T	Methylcyclohexane	0.659	0.734	-11.4	85	0.00
40 TM	Benzene	1.448	1.673	-15.5	87	0.00
41 T	Methacrylonitrile	0.151	0.125	17.2	63	0.00
42 TM	1,2-Dichloroethane	0.381	0.422	-10.8	83	0.00
43 T	Isopropyl Acetate	0.541	0.604	-11.6	80	0.00
44 TM	Trichloroethene	0.372	0.437	-17.5	89	0.00
45 C	1,2-Dichloropropane	0.364	0.424	-16.5#	86	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.190	0.223	-17.4	86	0.00
47 T	Bromodichloromethane	0.446	0.519	-16.4	85	0.00
48 T	Methyl methacrylate	0.238	0.257	-8.0	74	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	80	0.00
50 S	Toluene-d8	1.165	1.246	-7.0	82	0.00
51 T	4-Methyl-2-Pentanone	0.280	0.319	-13.9	81	0.00
52 CM	Toluene	0.897	1.027	-14.5#	85	0.00
53 T	t-1,3-Dichloropropene	0.480	0.566	-17.9	84	0.00
54 T	cis-1,3-Dichloropropene	0.567	0.670	-18.2	87	0.00
55 T	1,1,2-Trichloroethane	0.281	0.329	-17.1	87	0.00
56 T	Ethyl methacrylate	0.402	0.482	-19.9	83	0.00
57 T	1,3-Dichloropropane	0.489	0.582	-19.0	87	0.00
58 T	2-Chloroethyl Vinyl ether	0.162	0.167	-3.1	81	0.00
59 T	2-Hexanone	0.204	0.223	-9.3	73	0.00
60 T	Dibromochloromethane	0.302	0.359	-18.9	86	0.00
61 T	1,2-Dibromoethane	0.265	0.317	-19.6	86	0.00
62 S	4-Bromofluorobenzene	0.438	0.432	1.4	81	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.00
64 T	Tetrachloroethene	0.434	0.519	-19.6	91	0.00
65 PM	Chlorobenzene	1.039	1.206	-16.1	86	0.00
66 T	1,1,1,2-Tetrachloroethane	0.350	0.422	-20.6#	88	0.00
67 C	Ethyl Benzene	1.936	2.257	-16.6#	86	0.00
68 T	m/p-Xylenes	0.727	0.847	-16.5	86	0.00
69 T	o-Xylene	0.677	0.808	-19.4	88	0.00
70 T	Styrene	1.160	1.376	-18.6	86	0.00
71 P	Bromoform	0.198	0.240	-21.2#	85	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	77	0.00
73 T	Isopropylbenzene	3.981	4.534	-13.9	86	0.00
74 T	N-amyl acetate	1.108	1.232	-11.2	80	0.00
75 P	1,1,2,2-Tetrachloroethane	0.784	0.902	-15.1	82	0.00
76 T	1,2,3-Trichloropropane	0.566	0.637	-12.5	84	0.00
77 T	Bromobenzene	0.863	0.993	-15.1	85	0.00
78 T	n-propylbenzene	4.861	5.521	-13.6	86	0.00
79 T	2-Chlorotoluene	2.685	3.015	-12.3	85	0.00
80 T	1,3,5-Trimethylbenzene	3.296	3.700	-12.3	85	0.00
81 T	trans-1,4-Dichloro-2-butene	0.288	0.346	-20.1#	82	0.00
82 T	4-Chlorotoluene	2.767	3.110	-12.4	86	0.00
83 T	tert-Butylbenzene	2.771	3.209	-15.8	87	0.00
84 T	1,2,4-Trimethylbenzene	3.298	3.725	-12.9	85	0.00
85 T	sec-Butylbenzene	4.030	4.651	-15.4	87	0.00
86 T	p-Isopropyltoluene	3.506	4.031	-15.0	86	0.00
87 T	1,3-Dichlorobenzene	1.693	1.919	-13.3	87	0.00
88 T	1,4-Dichlorobenzene	1.676	1.927	-15.0	86	0.00
89 T	n-Butylbenzene	3.544	4.087	-15.3	87	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.646	0.751	-16.3	85	0.00
91 T	1,2-Dichlorobenzene	1.523	1.753	-15.1	86	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.131	0.137	-4.6	75	0.00
93 T	1,2,4-Trichlorobenzene	1.030	1.214	-17.9	88	0.00
94 T	Hexachlorobutadiene	0.511	0.596	-16.6	90	0.00
95 T	Naphthalene	2.393	2.821	-17.9	86	0.00
96 T	1,2,3-Trichlorobenzene	0.920	1.060	-15.2	87	0.00

(#) = Out of Range

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