

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW031020\  
 Data File : VW015107.D  
 Acq On : 10 Mar 2020 10:46  
 Operator : SY/VA  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 LabSampleId :  
 VSTDCCC050

Quant Time: Mar 11 09:05:18 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W030920S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Mar 09 18:51:48 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	82	0.00
2 T	Dichlorodifluoromethane	0.303	0.339	-11.9	99	0.00
3 P	Chloromethane	0.651	0.662	-1.7	90	0.00
4 C	Vinyl Chloride	0.852	0.885	-3.9#	88	0.00
5 T	Bromomethane	0.487	0.495	-1.6	90	0.00
6 T	Chloroethane	0.493	0.535	-8.5	89	0.00
7 T	Trichlorofluoromethane	0.426	0.456	-7.0	86	0.00
8 T	Diethyl Ether	0.325	0.342	-5.2	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.650	0.700	-7.7	90	0.00
10 T	Methyl Iodide	0.723	0.753	-4.1	85	0.00
11 T	Tert butyl alcohol	0.042	0.042	0.0	81	0.00
12 CM	1,1-Dichloroethene	0.635	0.680	-7.1#	87	0.00
13 T	Acrolein	0.062	0.058	6.5	75	0.00
14 T	Allyl chloride	1.273	1.401	-10.1	87	0.00
15 T	Acrylonitrile	0.166	0.185	-11.4	86	0.00
16 T	Acetone	0.168	0.194	-15.5	89	0.00
17 T	Carbon Disulfide	2.252	2.416	-7.3	87	0.00
18 T	Methyl Acetate	0.397	0.433	-9.1	87	0.00
19 T	Methyl tert-butyl Ether	0.813	0.889	-9.3	82	0.00
20 T	Methylene Chloride	0.776	0.772	0.5	89	0.00
21 T	trans-1,2-Dichloroethene	0.674	0.739	-9.6	88	0.00
22 T	Diisopropyl ether	2.443	2.774	-13.5	87	0.00
23 T	Vinyl Acetate	1.442	1.680	-16.5	86	0.00
24 P	1,1-Dichloroethane	1.425	1.537	-7.9	88	0.00
25 T	2-Butanone	0.230	0.264	-14.8	85	0.00
26 T	2,2-Dichloropropane	0.815	0.868	-6.5	89	0.00
27 T	cis-1,2-Dichloroethene	0.702	0.762	-8.5	86	0.00
28 T	Bromochloromethane	0.683	0.741	-8.5	85	0.00
29 T	Tetrahydrofuran	0.144	0.164	-13.9	83	0.00
30 C	Chloroform	1.264	1.357	-7.4#	88	0.00
31 T	Cyclohexane	1.465	1.547	-5.6	87	0.00
32 T	1,1,1-Trichloroethane	0.987	1.061	-7.5	87	0.00
33 S	1,2-Dichloroethane-d4	0.735	0.784	-6.7	85	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.00
35 S	Dibromofluoromethane	0.299	0.322	-7.7	84	0.00
36 T	1,1-Dichloropropene	0.580	0.665	-14.7	89	0.00
37 T	Ethyl Acetate	0.289	0.322	-11.4	85	0.00
38 T	Carbon Tetrachloride	0.472	0.529	-12.1	89	0.00
39 T	Methylcyclohexane	0.663	0.759	-14.5	86	0.00
40 TM	Benzene	1.611	1.811	-12.4	88	0.00
41 T	Methacrylonitrile	0.153	0.194	-26.8#	96	0.00
42 TM	1,2-Dichloroethane	0.491	0.555	-13.0	88	0.00
43 T	Isopropyl Acetate	0.518	0.590	-13.9	85	0.00
44 TM	Trichloroethene	0.343	0.371	-8.2	86	0.00
45 C	1,2-Dichloropropane	0.434	0.484	-11.5#	87	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.189	0.210	-11.1	88	0.00
47 T	Bromodichloromethane	0.504	0.558	-10.7	87	0.00
48 T	Methyl methacrylate	0.239	0.303	-26.8#	93	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	79	0.00
50 S	Toluene-d8	1.254	1.394	-11.2	84	0.00
51 T	4-Methyl-2-Pentanone	0.286	0.313	-9.4	83	0.00
52 CM	Toluene	0.926	1.047	-13.1#	87	0.00
53 T	t-1,3-Dichloropropene	0.496	0.558	-12.5	85	0.00
54 T	cis-1,3-Dichloropropene	0.604	0.681	-12.7	87	0.00
55 T	1,1,2-Trichloroethane	0.259	0.283	-9.3	84	0.00
56 T	Ethyl methacrylate	0.334	0.391	-17.1	84	0.00
57 T	1,3-Dichloropropane	0.492	0.556	-13.0	86	0.00
58 T	2-Chloroethyl Vinyl ether	0.196	0.230	-17.3	85	0.00
59 T	2-Hexanone	0.179	0.217	-21.2	85	0.00
60 T	Dibromochloromethane	0.267	0.297	-11.2	85	0.00
61 T	1,2-Dibromoethane	0.229	0.253	-10.5	85	0.00
62 S	4-Bromofluorobenzene	0.416	0.479	-15.1	85	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64 T	Tetrachloroethene	0.289	0.304	-5.2	84	0.00
65 PM	Chlorobenzene	1.004	1.080	-7.6	86	0.00
66 T	1,1,1,2-Tetrachloroethane	0.334	0.365	-9.3	86	0.00
67 C	Ethyl Benzene	1.953	2.228	-14.1#	87	0.00
68 T	m/p-Xylenes	0.690	0.786	-13.9	87	0.00
69 T	o-Xylene	0.622	0.708	-13.8	86	0.00
70 T	Styrene	1.066	1.247	-17.0	87	0.00
71 P	Bromoform	0.148	0.162	-9.5	83	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	80	0.00
73 T	Isopropylbenzene	3.819	4.401	-15.2	85	0.00
74 T	N-amyl acetate	1.129	1.314	-16.4	84	0.00
75 P	1,1,2,2-Tetrachloroethane	0.776	0.855	-10.2	84	0.00
76 T	1,2,3-Trichloropropane	0.565	0.663	-17.3	106	0.00
77 T	Bromobenzene	0.755	0.837	-10.9	84	0.00
78 T	n-propylbenzene	4.964	5.827	-17.4	87	0.00
79 T	2-Chlorotoluene	2.791	3.171	-13.6	86	0.00
80 T	1,3,5-Trimethylbenzene	3.284	3.775	-15.0	85	0.00
81 T	trans-1,4-Dichloro-2-butene	0.250	0.277	-10.8	82	0.00
82 T	4-Chlorotoluene	2.972	3.377	-13.6	87	0.00
83 T	tert-Butylbenzene	2.660	3.059	-15.0	84	0.00
84 T	1,2,4-Trimethylbenzene	3.284	3.810	-16.0	86	0.00
85 T	sec-Butylbenzene	4.026	4.690	-16.5	86	0.00
86 T	p-Isopropyltoluene	3.461	4.023	-16.2	85	0.00
87 T	1,3-Dichlorobenzene	1.600	1.763	-10.2	86	0.00
88 T	1,4-Dichlorobenzene	1.575	1.718	-9.1	85	0.00
89 T	n-Butylbenzene	3.732	4.384	-17.5	85	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.694	0.748	-7.8	84	0.00
91 T	1,2-Dichlorobenzene	1.401	1.540	-9.9	84	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.125	0.139	-11.2	86	0.00
93 T	1,2,4-Trichlorobenzene	0.802	0.942	-17.5	85	0.00
94 T	Hexachlorobutadiene	0.503	0.541	-7.6	83	0.00
95 T	Naphthalene	1.497	1.876	-25.3#	84	0.00
96 T	1,2,3-Trichlorobenzene	0.711	0.839	-18.0	87	0.00

(#) = Out of Range

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