

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072019\
 Data File : VW011412.D
 Acq On : 20 Jul 2019 08:49
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 22 01:22:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 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	83	0.00
2 T	Dichlorodifluoromethane	0.373	0.341	8.6	77	0.00
3 P	Chloromethane	0.481	0.533	-10.8	95	0.00
4 C	Vinyl Chloride	0.629	0.660	-4.9#	85	0.00
5 T	Bromomethane	0.316	0.330	-4.4	84	-0.01
6 T	Chloroethane	0.339	0.368	-8.6	86	0.00
7 T	Trichlorofluoromethane	0.223	0.271	-21.5#	97	0.00
8 T	Diethyl Ether	0.309	0.364	-17.8	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.535	0.581	-8.6	87	0.00
10 T	Methyl Iodide	0.736	0.834	-13.3	89	0.00
11 T	Tert butyl alcohol	0.047	0.060	-27.7#	108	0.00
12 CM	1,1-Dichloroethene	0.555	0.619	-11.5#	89	0.00
13 T	Acrolein	0.037	0.045	-21.6#	99	0.00
14 T	Allyl chloride	1.013	1.232	-21.6#	95	0.00
15 T	Acrylonitrile	0.157	0.209	-33.1#	108	0.00
16 T	Acetone	0.151	0.177	-17.2	95	0.00
17 T	Carbon Disulfide	1.684	1.754	-4.2	82	0.00
18 T	Methyl Acetate	0.473	0.591	-24.9#	126	0.00
19 T	Methyl tert-butyl Ether	0.843	1.042	-23.6#	98	0.00
20 T	Methylene Chloride	0.596	0.690	-15.8	94	0.00
21 T	trans-1,2-Dichloroethene	0.577	0.658	-14.0	90	0.00
22 T	Diisopropyl ether	2.179	2.558	-17.4	93	0.00
23 T	Vinyl Acetate	1.348	1.586	-17.7	89	0.00
24 P	1,1-Dichloroethane	1.144	1.337	-16.9	93	0.00
25 T	2-Butanone	0.237	0.301	-27.0#	104	0.00
26 T	2,2-Dichloropropane	0.595	0.620	-4.2	83	0.00
27 T	cis-1,2-Dichloroethene	0.623	0.730	-17.2	93	0.00
28 T	Bromochloromethane	0.520	0.519	0.2	83	0.00
29 T	Tetrahydrofuran	0.156	0.198	-26.9#	104	0.00
30 C	Chloroform	1.059	1.210	-14.3#	93	0.00
31 T	Cyclohexane	1.217	1.277	-4.9	87	0.00
32 T	1,1,1-Trichloroethane	0.806	0.926	-14.9	91	0.00
33 S	1,2-Dichloroethane-d4	0.628	0.630	-0.3	84	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
35 S	Dibromofluoromethane	0.298	0.307	-3.0	88	0.00
36 T	1,1-Dichloropropene	0.532	0.585	-10.0	89	0.00
37 T	Ethyl Acetate	0.320	0.388	-21.3#	101	0.00
38 T	Carbon Tetrachloride	0.451	0.497	-10.2	89	0.00
39 T	Methylcyclohexane	0.645	0.717	-11.2	88	0.00
40 TM	Benzene	1.471	1.668	-13.4	92	0.00
41 T	Methacrylonitrile	0.183	0.245	-33.9#	117	0.00
42 TM	1,2-Dichloroethane	0.477	0.535	-12.2	92	0.00
43 T	Isopropyl Acetate	0.604	0.721	-19.4	98	0.00
44 TM	Trichloroethene	0.354	0.402	-13.6	93	0.00
45 C	1,2-Dichloropropane	0.398	0.459	-15.3#	94	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.187	0.216	-15.5	95	0.00
47 T	Bromodichloromethane	0.479	0.544	-13.6	92	0.00
48 T	Methyl methacrylate	0.291	0.358	-23.0#	100	0.00
49 T	1,4-Dioxane	0.003	0.004	-33.3#	105	0.00
50 S	Toluene-d8	1.205	1.211	-0.5	84	0.00
51 T	4-Methyl-2-Pentanone	0.316	0.392	-24.1#	103	0.00
52 CM	Toluene	0.893	1.014	-13.5#	91	0.00
53 T	t-1,3-Dichloropropene	0.510	0.548	-7.5	87	0.00
54 T	cis-1,3-Dichloropropene	0.600	0.643	-7.2	86	0.00
55 T	1,1,2-Trichloroethane	0.266	0.308	-15.8	96	0.00
56 T	Ethyl methacrylate	0.404	0.485	-20.0#	98	0.00
57 T	1,3-Dichloropropane	0.502	0.583	-16.1	95	0.00
58 T	2-Chloroethyl Vinyl ether	0.187	0.207	-10.7	94	0.00
59 T	2-Hexanone	0.219	0.267	-21.9#	101	0.00
60 T	Dibromochloromethane	0.291	0.335	-15.1	93	0.00
61 T	1,2-Dibromoethane	0.252	0.297	-17.9	97	0.00
62 S	4-Bromofluorobenzene	0.442	0.443	-0.2	85	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
64 T	Tetrachloroethene	0.337	0.424	-25.8#	104	0.00
65 PM	Chlorobenzene	1.017	1.146	-12.7	92	0.00
66 T	1,1,1,2-Tetrachloroethane	0.358	0.409	-14.2	93	0.00
67 C	Ethyl Benzene	1.946	2.220	-14.1#	91	0.00
68 T	m/p-Xylenes	0.704	0.798	-13.4	91	0.00
69 T	o-Xylene	0.664	0.759	-14.3	92	0.00
70 T	Styrene	1.145	1.327	-15.9	92	0.00
71 P	Bromoform	0.190	0.223	-17.4	96	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	83	0.00
73 T	Isopropylbenzene	3.738	4.382	-17.2	92	0.00
74 T	N-amyl acetate	1.302	1.511	-16.1	93	0.00
75 P	1,1,2,2-Tetrachloroethane	0.766	0.918	-19.8	98	0.00
76 T	1,2,3-Trichloropropane	0.578	0.637	-10.2	97	0.00
77 T	Bromobenzene	0.839	0.971	-15.7	94	0.00
78 T	n-propylbenzene	4.604	5.266	-14.4	90	0.00
79 T	2-Chlorotoluene	2.650	3.008	-13.5	90	0.00
80 T	1,3,5-Trimethylbenzene	3.175	3.688	-16.2	91	0.00
81 T	trans-1,4-Dichloro-2-butene	0.255	0.257	-0.8	81	0.00
82 T	4-Chlorotoluene	2.760	3.123	-13.2	91	0.00
83 T	tert-Butylbenzene	2.648	3.117	-17.7	92	0.00
84 T	1,2,4-Trimethylbenzene	3.188	3.645	-14.3	90	0.00
85 T	sec-Butylbenzene	3.821	4.386	-14.8	90	0.00
86 T	p-Isopropyltoluene	3.427	3.922	-14.4	89	0.00
87 T	1,3-Dichlorobenzene	1.614	1.833	-13.6	91	0.00
88 T	1,4-Dichlorobenzene	1.625	1.817	-11.8	90	0.00
89 T	n-Butylbenzene	3.419	3.796	-11.0	86	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.626	0.709	-13.3	89	0.00
91 T	1,2-Dichlorobenzene	1.464	1.676	-14.5	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.136	0.161	-18.4	98	0.00
93 T	1,2,4-Trichlorobenzene	1.008	1.164	-15.5	90	0.00
94 T	Hexachlorobutadiene	0.619	0.715	-15.5	89	0.00
95 T	Naphthalene	1.932	2.509	-29.9#	98	0.00
96 T	1,2,3-Trichlorobenzene	0.890	1.054	-18.4	90	0.00

(#) = Out of Range

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