

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122318\
 Data File : VW007797.D
 Acq On : 21 Dec 2018 16:01
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 22 00:04:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 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	107	0.00
2 T	Dichlorodifluoromethane	0.444	0.446	-0.5	108	0.00
3 P	Chloromethane	0.273	0.301	-10.3	122	0.00
4 C	Vinyl Chloride	0.347	0.381	-9.8#	123	0.00
5 T	Bromomethane	0.242	0.257	-6.2	123	0.00
6 T	Chloroethane	0.186	0.215	-15.6	131	0.00
7 T	Trichlorofluoromethane	0.362	0.306	15.5	95	0.00
8 T	Diethyl Ether	0.222	0.219	1.4	106	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.533	0.536	-0.6	112	0.00
10 T	Methyl Iodide	0.847	0.834	1.5	109	0.00
11 T	Tert butyl alcohol	0.037	0.038	-2.7	120	0.02
12 CM	1,1-Dichloroethene	0.493	0.514	-4.3#	117	-0.01
13 T	Acrolein	0.030	0.027	10.0	107	0.00
14 T	Allyl chloride	0.647	0.715	-10.5	125	0.00
15 T	Acrylonitrile	0.095	0.104	-9.5	120	0.00
16 T	Acetone	0.103	0.107	-3.9	114	0.00
17 T	Carbon Disulfide	1.527	1.476	3.3	109	0.00
18 T	Methyl Acetate	0.244	0.292	-19.7	127	0.00
19 T	Methyl tert-butyl Ether	0.708	0.796	-12.4	122	0.00
20 T	Methylene Chloride	0.619	0.521	15.8	108	0.00
21 T	trans-1,2-Dichloroethene	0.543	0.568	-4.6	120	0.00
22 T	Diisopropyl ether	1.211	1.376	-13.6	124	0.00
23 T	Vinyl Acetate	0.720	0.799	-11.0	121	0.00
24 P	1,1-Dichloroethane	0.891	0.946	-6.2	120	0.00
25 T	2-Butanone	0.120	0.133	-10.8	123	0.00
26 T	2,2-Dichloropropane	0.652	0.652	0.0	115	0.00
27 T	cis-1,2-Dichloroethene	0.578	0.603	-4.3	117	0.00
28 T	Bromochloromethane	0.304	0.324	-6.6	118	0.00
29 T	Tetrahydrofuran	0.072	0.083	-15.3	125	0.00
30 C	Chloroform	1.008	1.029	-2.1#	114	0.00
31 T	Cyclohexane	0.816	0.862	-5.6	126	0.00
32 T	1,1,1-Trichloroethane	0.918	0.892	2.8	109	0.00
33 S	1,2-Dichloroethane-d4	0.548	0.502	8.4	102	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	109	0.00
35 S	Dibromofluoromethane	0.305	0.291	4.6	106	0.00
36 T	1,1-Dichloropropene	0.483	0.509	-5.4	118	0.00
37 T	Ethyl Acetate	0.167	0.187	-12.0	124	0.00
38 T	Carbon Tetrachloride	0.568	0.509	10.4	100	0.00
39 T	Methylcyclohexane	0.600	0.659	-9.8	124	0.00
40 TM	Benzene	1.288	1.352	-5.0	119	0.00
41 T	Methacrylonitrile	0.095	0.128	-34.7#	147	0.00
42 TM	1,2-Dichloroethane	0.432	0.417	3.5	108	0.00
43 T	Isopropyl Acetate	0.334	0.364	-9.0	119	0.00
44 TM	Trichloroethene	0.389	0.397	-2.1	116	0.00
45 C	1,2-Dichloropropane	0.286	0.309	-8.0#	119	0.00

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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)
46 T	Dibromomethane	0.176	0.173	1.7	110	0.00
47 T	Bromodichloromethane	0.462	0.443	4.1	107	0.00
48 T	Methyl methacrylate	0.167	0.186	-11.4	123	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	121	0.00
50 S	Toluene-d8	1.150	1.137	1.1	109	0.00
51 T	4-Methyl-2-Pentanone	0.158	0.173	-9.5	121	0.00
52 CM	Toluene	0.864	0.938	-8.6#	123	0.00
53 T	t-1,3-Dichloropropene	0.460	0.470	-2.2	115	0.00
54 T	cis-1,3-Dichloropropene	0.508	0.532	-4.7	118	0.00
55 T	1,1,2-Trichloroethane	0.242	0.256	-5.8	121	0.00
56 T	Ethyl methacrylate	0.287	0.316	-10.1	118	0.00
57 T	1,3-Dichloropropane	0.403	0.423	-5.0	119	0.00
58 T	2-Chloroethyl Vinyl ether	0.131	0.149	-13.7	122	0.00
59 T	2-Hexanone	0.111	0.124	-11.7	121	0.00
60 T	Dibromochloromethane	0.321	0.288	10.3	100	0.00
61 T	1,2-Dibromoethane	0.246	0.255	-3.7	118	0.00
62 S	4-Bromofluorobenzene	0.444	0.439	1.1	110	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
64 T	Tetrachloroethene	0.354	0.371	-4.8	114	0.00
65 PM	Chlorobenzene	1.082	1.133	-4.7	115	0.00
66 T	1,1,1,2-Tetrachloroethane	0.387	0.397	-2.6	110	0.00
67 C	Ethyl Benzene	1.857	2.074	-11.7#	121	0.00
68 T	m/p-Xylenes	0.720	0.798	-10.8	119	0.00
69 T	o-Xylene	0.675	0.758	-12.3	120	0.00
70 T	Styrene	1.110	1.231	-10.9	118	0.00
71 P	Bromoform	0.201	0.181	10.0	95	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
73 T	Isopropylbenzene	3.779	4.261	-12.8	120	0.00
74 T	N-amyl acetate	0.655	0.789	-20.5#	125	0.00
75 P	1,1,2,2-Tetrachloroethane	0.567	0.623	-9.9	116	0.00
76 T	1,2,3-Trichloropropane	0.386	0.489	-26.7#	118	0.00
77 T	Bromobenzene	0.866	0.917	-5.9	112	0.00
78 T	n-propylbenzene	4.400	4.868	-10.6	117	0.00
79 T	2-Chlorotoluene	2.563	2.833	-10.5	118	0.00
80 T	1,3,5-Trimethylbenzene	3.260	3.653	-12.1	118	0.00
81 T	trans-1,4-Dichloro-2-butene	0.184	0.203	-10.3	112	0.00
82 T	4-Chlorotoluene	2.729	2.993	-9.7	117	0.00
83 T	tert-Butylbenzene	2.860	3.224	-12.7	119	0.00
84 T	1,2,4-Trimethylbenzene	3.290	3.730	-13.4	119	0.00
85 T	sec-Butylbenzene	3.942	4.409	-11.8	118	0.00
86 T	p-Isopropyltoluene	3.585	4.007	-11.8	118	0.00
87 T	1,3-Dichlorobenzene	1.720	1.827	-6.2	114	0.00
88 T	1,4-Dichlorobenzene	1.720	1.842	-7.1	115	0.00
89 T	n-Butylbenzene	3.287	3.747	-14.0	120	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.629	0.580	7.8	98	0.00
91 T	1,2-Dichlorobenzene	1.540	1.631	-5.9	112	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.116	0.117	-0.9	102	0.00
93 T	1,2,4-Trichlorobenzene	1.069	1.174	-9.8	117	0.00
94 T	Hexachlorobutadiene	0.571	0.646	-13.1	121	0.00
95 T	Naphthalene	1.976	2.353	-19.1	120	0.00
96 T	1,2,3-Trichlorobenzene	0.915	0.998	-9.1	114	0.00

(#) = Out of Range

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