

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW122118\  
 Data File : VW007719.D  
 Acq On : 19 Dec 2018 23:55  
 Operator : SY/AP  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 LabSampleId :  
 VSTDCCC050

Quant Time: Dec 20 07:42:20 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	104	0.00
2 T	Dichlorodifluoromethane	0.444	0.416	6.3	98	0.00
3 P	Chloromethane	0.273	0.324	-18.7	128	0.00
4 C	Vinyl Chloride	0.347	0.358	-3.2#	112	0.00
5 T	Bromomethane	0.242	0.289	-19.4	135	0.00
6 T	Chloroethane	0.186	0.226	-21.5#	134	0.00
7 T	Trichlorofluoromethane	0.362	0.344	5.0	103	0.00
8 T	Diethyl Ether	0.222	0.266	-19.8	125	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.533	0.527	1.1	107	0.00
10 T	Methyl Iodide	0.847	0.925	-9.2	118	0.00
11 T	Tert butyl alcohol	0.037	0.039	-5.4	120	0.01
12 CM	1,1-Dichloroethene	0.493	0.510	-3.4#	113	0.00
13 T	Acrolein	0.030	0.031	-3.3	121	0.00
14 T	Allyl chloride	0.647	0.741	-14.5	126	0.00
15 T	Acrylonitrile	0.095	0.106	-11.6	120	0.00
16 T	Acetone	0.103	0.095	7.8	99	0.00
17 T	Carbon Disulfide	1.527	1.553	-1.7	112	0.00
18 T	Methyl Acetate	0.244	0.280	-14.8	118	0.00
19 T	Methyl tert-butyl Ether	0.708	0.838	-18.4	125	0.00
20 T	Methylene Chloride	0.619	0.591	4.5	119	0.00
21 T	trans-1,2-Dichloroethene	0.543	0.580	-6.8	119	0.00
22 T	Diisopropyl ether	1.211	1.478	-22.0#	130	0.00
23 T	Vinyl Acetate	0.720	0.834	-15.8	123	0.00
24 P	1,1-Dichloroethane	0.891	0.979	-9.9	121	0.00
25 T	2-Butanone	0.120	0.127	-5.8	114	0.00
26 T	2,2-Dichloropropane	0.652	0.675	-3.5	116	0.00
27 T	cis-1,2-Dichloroethene	0.578	0.649	-12.3	123	0.00
28 T	Bromochloromethane	0.304	0.345	-13.5	122	0.00
29 T	Tetrahydrofuran	0.072	0.081	-12.5	119	0.00
30 C	Chloroform	1.008	1.104	-9.5#	119	0.00
31 T	Cyclohexane	0.816	0.821	-0.6	117	0.00
32 T	1,1,1-Trichloroethane	0.918	0.961	-4.7	114	0.00
33 S	1,2-Dichloroethane-d4	0.548	0.602	-9.9	119	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	110	0.00
35 S	Dibromofluoromethane	0.305	0.329	-7.9	121	0.00
36 T	1,1-Dichloropropene	0.483	0.491	-1.7	115	0.00
37 T	Ethyl Acetate	0.167	0.181	-8.4	121	0.00
38 T	Carbon Tetrachloride	0.568	0.535	5.8	106	0.00
39 T	Methylcyclohexane	0.600	0.598	0.3	113	0.00
40 TM	Benzene	1.288	1.357	-5.4	120	0.00
41 T	Methacrylonitrile	0.095	0.108	-13.7	125	0.00
42 TM	1,2-Dichloroethane	0.432	0.450	-4.2	117	0.00
43 T	Isopropyl Acetate	0.334	0.367	-9.9	121	0.00
44 TM	Trichloroethene	0.389	0.396	-1.8	117	0.00
45 C	1,2-Dichloropropane	0.286	0.319	-11.5#	123	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	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.176	0.181	-2.8	115	0.00
47 T	Bromodichloromethane	0.462	0.488	-5.6	118	0.00
48 T	Methyl methacrylate	0.167	0.180	-7.8	120	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	122	0.00
50 S	Toluene-d8	1.150	1.262	-9.7	122	0.00
51 T	4-Methyl-2-Pentanone	0.158	0.168	-6.3	118	0.00
52 CM	Toluene	0.864	0.913	-5.7#	120	0.00
53 T	t-1,3-Dichloropropene	0.460	0.486	-5.7	119	0.00
54 T	cis-1,3-Dichloropropene	0.508	0.550	-8.3	123	0.00
55 T	1,1,2-Trichloroethane	0.242	0.256	-5.8	122	0.00
56 T	Ethyl methacrylate	0.287	0.321	-11.8	120	0.00
57 T	1,3-Dichloropropane	0.403	0.434	-7.7	122	0.00
58 T	2-Chloroethyl Vinyl ether	0.131	0.146	-11.5	121	0.00
59 T	2-Hexanone	0.111	0.116	-4.5	114	0.00
60 T	Dibromochloromethane	0.321	0.339	-5.6	118	0.00
61 T	1,2-Dibromoethane	0.246	0.257	-4.5	120	0.00
62 S	4-Bromofluorobenzene	0.444	0.481	-8.3	121	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.00
64 T	Tetrachloroethene	0.354	0.375	-5.9	121	0.00
65 PM	Chlorobenzene	1.082	1.141	-5.5	122	0.00
66 T	1,1,1,2-Tetrachloroethane	0.387	0.404	-4.4	118	0.00
67 C	Ethyl Benzene	1.857	2.005	-8.0#	123	0.00
68 T	m/p-Xylenes	0.720	0.756	-5.0	119	0.00
69 T	o-Xylene	0.675	0.734	-8.7	122	0.00
70 T	Styrene	1.110	1.212	-9.2	122	0.00
71 P	Bromoform	0.201	0.205	-2.0	113	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	108	0.00
73 T	Isopropylbenzene	3.779	4.096	-8.4	120	0.00
74 T	N-amyl acetate	0.655	0.734	-12.1	121	0.00
75 P	1,1,2,2-Tetrachloroethane	0.567	0.605	-6.7	117	0.00
76 T	1,2,3-Trichloropropane	0.386	0.467	-21.0#	117	0.00
77 T	Bromobenzene	0.866	0.922	-6.5	117	0.00
78 T	n-propylbenzene	4.400	4.726	-7.4	118	0.00
79 T	2-Chlorotoluene	2.563	2.784	-8.6	121	0.00
80 T	1,3,5-Trimethylbenzene	3.260	3.603	-10.5	121	0.00
81 T	trans-1,4-Dichloro-2-butene	0.184	0.186	-1.1	107	0.00
82 T	4-Chlorotoluene	2.729	2.945	-7.9	120	0.00
83 T	tert-Butylbenzene	2.860	3.073	-7.4	118	0.00
84 T	1,2,4-Trimethylbenzene	3.290	3.769	-14.6	125	0.00
85 T	sec-Butylbenzene	3.942	4.197	-6.5	117	0.00
86 T	p-Isopropyltoluene	3.585	3.787	-5.6	116	0.00
87 T	1,3-Dichlorobenzene	1.720	1.820	-5.8	119	0.00
88 T	1,4-Dichlorobenzene	1.720	1.813	-5.4	118	0.00
89 T	n-Butylbenzene	3.287	3.441	-4.7	115	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.629	0.651	-3.5	114	0.00
91 T	1,2-Dichlorobenzene	1.540	1.641	-6.6	118	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.116	0.120	-3.4	109	0.00
93 T	1,2,4-Trichlorobenzene	1.069	1.133	-6.0	117	0.00
94 T	Hexachlorobutadiene	0.571	0.583	-2.1	114	0.00
95 T	Naphthalene	1.976	2.318	-17.3	123	0.00
96 T	1,2,3-Trichlorobenzene	0.915	0.977	-6.8	116	0.00

(#) = Out of Range

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