

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW122518\
 Data File : VW007880.D
 Acq On : 24 Dec 2018 10:32
 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 25 03:07:03 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	104	0.00
2 T	Dichlorodifluoromethane	0.444	0.456	-2.7	106	0.00
3 P	Chloromethane	0.273	0.376	-37.7#	147	0.00
4 C	Vinyl Chloride	0.347	0.495	-42.7#	154#	0.00
5 T	Bromomethane	0.242	0.293	-21.1#	136	0.00
6 T	Chloroethane	0.186	0.252	-35.5#	148	0.00
7 T	Trichlorofluoromethane	0.362	0.379	-4.7	113	0.00
8 T	Diethyl Ether	0.222	0.241	-8.6	113	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.533	0.575	-7.9	116	0.00
10 T	Methyl Iodide	0.847	0.862	-1.8	109	0.00
11 T	Tert butyl alcohol	0.037	0.036	2.7	110	0.00
12 CM	1,1-Dichloroethene	0.493	0.547	-11.0#	120	0.00
13 T	Acrolein	0.030	0.030	0.0	117	0.00
14 T	Allyl chloride	0.647	0.808	-24.9#	136	0.00
15 T	Acrylonitrile	0.095	0.098	-3.2	110	0.00
16 T	Acetone	0.103	0.120	-16.5	123	0.00
17 T	Carbon Disulfide	1.527	1.565	-2.5	112	0.00
18 T	Methyl Acetate	0.244	0.277	-13.5	116	0.00
19 T	Methyl tert-butyl Ether	0.708	0.773	-9.2	114	0.00
20 T	Methylene Chloride	0.619	0.632	-2.1	126	0.00
21 T	trans-1,2-Dichloroethene	0.543	0.573	-5.5	116	0.00
22 T	Diisopropyl ether	1.211	1.434	-18.4	125	0.00
23 T	Vinyl Acetate	0.720	0.795	-10.4	116	0.00
24 P	1,1-Dichloroethane	0.891	0.988	-10.9	121	0.00
25 T	2-Butanone	0.120	0.131	-9.2	117	0.00
26 T	2,2-Dichloropropane	0.652	0.729	-11.8	124	0.00
27 T	cis-1,2-Dichloroethene	0.578	0.609	-5.4	114	0.00
28 T	Bromochloromethane	0.304	0.372	-22.4#	131	0.00
29 T	Tetrahydrofuran	0.072	0.077	-6.9	112	0.00
30 C	Chloroform	1.008	1.026	-1.8#	110	0.00
31 T	Cyclohexane	0.816	0.928	-13.7	131	0.00
32 T	1,1,1-Trichloroethane	0.918	0.960	-4.6	113	0.00
33 S	1,2-Dichloroethane-d4	0.548	0.488	10.9	96	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
35 S	Dibromofluoromethane	0.305	0.293	3.9	100	0.00
36 T	1,1-Dichloropropene	0.483	0.540	-11.8	117	0.00
37 T	Ethyl Acetate	0.167	0.171	-2.4	106	0.00
38 T	Carbon Tetrachloride	0.568	0.582	-2.5	107	0.00
39 T	Methylcyclohexane	0.600	0.704	-17.3	123	0.00
40 TM	Benzene	1.288	1.425	-10.6	117	0.00
41 T	Methacrylonitrile	0.095	0.109	-14.7	117	0.00
42 TM	1,2-Dichloroethane	0.432	0.431	0.2	104	0.00
43 T	Isopropyl Acetate	0.334	0.356	-6.6	109	0.00
44 TM	Trichloroethene	0.389	0.410	-5.4	112	0.00
45 C	1,2-Dichloropropane	0.286	0.334	-16.8#	120	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	0.176	0.0	104	0.00
47 T	Bromodichloromethane	0.462	0.471	-1.9	106	0.00
48 T	Methyl methacrylate	0.167	0.192	-15.0	119	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	109	0.00
50 S	Toluene-d8	1.150	1.174	-2.1	105	0.00
51 T	4-Methyl-2-Pentanone	0.158	0.167	-5.7	109	0.00
52 CM	Toluene	0.864	0.955	-10.5#	117	0.00
53 T	t-1,3-Dichloropropene	0.460	0.491	-6.7	112	0.00
54 T	cis-1,3-Dichloropropene	0.508	0.564	-11.0	117	0.00
55 T	1,1,2-Trichloroethane	0.242	0.249	-2.9	109	0.00
56 T	Ethyl methacrylate	0.287	0.309	-7.7	107	0.00
57 T	1,3-Dichloropropane	0.403	0.420	-4.2	110	0.00
58 T	2-Chloroethyl Vinyl ether	0.131	0.148	-13.0	114	0.00
59 T	2-Hexanone	0.111	0.124	-11.7	113	0.00
60 T	Dibromochloromethane	0.321	0.303	5.6	98	0.00
61 T	1,2-Dibromoethane	0.246	0.241	2.0	104	0.00
62 S	4-Bromofluorobenzene	0.444	0.434	2.3	102	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64 T	Tetrachloroethene	0.354	0.377	-6.5	110	0.00
65 PM	Chlorobenzene	1.082	1.163	-7.5	112	0.00
66 T	1,1,1,2-Tetrachloroethane	0.387	0.403	-4.1	106	0.00
67 C	Ethyl Benzene	1.857	2.126	-14.5#	117	0.00
68 T	m/p-Xylenes	0.720	0.807	-12.1	114	0.00
69 T	o-Xylene	0.675	0.767	-13.6	115	0.00
70 T	Styrene	1.110	1.228	-10.6	112	0.00
71 P	Bromoform	0.201	0.178	11.4	88	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73 T	Isopropylbenzene	3.779	4.447	-17.7	116	0.00
74 T	N-amyl acetate	0.655	0.750	-14.5	110	0.00
75 P	1,1,2,2-Tetrachloroethane	0.567	0.589	-3.9	101	0.00
76 T	1,2,3-Trichloropropane	0.386	0.463	-19.9	103	0.00
77 T	Bromobenzene	0.866	0.917	-5.9	103	0.00
78 T	n-propylbenzene	4.400	5.203	-18.2	116	0.00
79 T	2-Chlorotoluene	2.563	2.972	-16.0	115	0.00
80 T	1,3,5-Trimethylbenzene	3.260	3.801	-16.6	113	0.00
81 T	trans-1,4-Dichloro-2-butene	0.184	0.200	-8.7	102	0.00
82 T	4-Chlorotoluene	2.729	3.101	-13.6	112	0.00
83 T	tert-Butylbenzene	2.860	3.375	-18.0	115	0.00
84 T	1,2,4-Trimethylbenzene	3.290	3.803	-15.6	112	0.00
85 T	sec-Butylbenzene	3.942	4.744	-20.3#	118	0.00
86 T	p-Isopropyltoluene	3.585	4.202	-17.2	115	0.00
87 T	1,3-Dichlorobenzene	1.720	1.861	-8.2	108	0.00
88 T	1,4-Dichlorobenzene	1.720	1.850	-7.6	107	0.00
89 T	n-Butylbenzene	3.287	3.947	-20.1#	117	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.629	0.675	-7.3	105	0.00
91 T	1,2-Dichlorobenzene	1.540	1.630	-5.8	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.116	0.109	6.0	87	0.00
93 T	1,2,4-Trichlorobenzene	1.069	1.150	-7.6	106	0.00
94 T	Hexachlorobutadiene	0.571	0.644	-12.8	112	0.00
95 T	Naphthalene	1.976	2.114	-7.0	100	0.00
96 T	1,2,3-Trichlorobenzene	0.915	0.966	-5.6	102	0.00

(#) = Out of Range

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