

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007546.D
 Acq On : 14 Dec 2018 20:19
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.74G/5ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 15 03:15:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 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	97	0.00
2 T	Dichlorodifluoromethane	0.349	0.300	14.0	96	0.00
3 P	Chloromethane	0.293	0.254	13.3	91	0.00
4 C	Vinyl Chloride	0.343	0.362	-5.5#	108	0.00
5 T	Bromomethane	0.231	0.253	-9.5	111	0.00
6 T	Chloroethane	0.189	0.215	-13.8	110	0.00
7 T	Trichlorofluoromethane	0.309	0.367	-18.8	120	0.00
8 T	Diethyl Ether	0.242	0.246	-1.7	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.509	0.533	-4.7	103	0.01
10 T	Methyl Iodide	0.844	0.884	-4.7	101	0.00
11 T	Tert butyl alcohol	0.038	0.041	-7.9	109	0.00
12 CM	1,1-Dichloroethene	0.490	0.509	-3.9#	102	0.00
13 T	Acrolein	0.025	0.023	8.0	89	0.00
14 T	Allyl chloride	0.723	0.742	-2.6	100	0.00
15 T	Acrylonitrile	0.102	0.107	-4.9	100	0.00
16 T	Acetone	0.097	0.106	-9.3	103	0.00
17 T	Carbon Disulfide	1.487	1.510	-1.5	101	0.00
18 T	Methyl Acetate	0.263	0.262	0.4	96	0.00
19 T	Methyl tert-butyl Ether	0.740	0.842	-13.8	107	0.00
20 T	Methylene Chloride	0.615	0.554	9.9	98	0.00
21 T	trans-1,2-Dichloroethene	0.549	0.565	-2.9	99	0.00
22 T	Diisopropyl ether	1.390	1.469	-5.7	100	0.00
23 T	Vinyl Acetate	0.777	0.855	-10.0	102	0.00
24 P	1,1-Dichloroethane	0.939	0.972	-3.5	100	0.00
25 T	2-Butanone	0.126	0.140	-11.1	102	0.00
26 T	2,2-Dichloropropane	0.622	0.692	-11.3	109	0.00
27 T	cis-1,2-Dichloroethene	0.601	0.629	-4.7	99	0.00
28 T	Bromochloromethane	0.353	0.324	8.2	87	0.00
29 T	Tetrahydrofuran	0.080	0.085	-6.3	97	0.00
30 C	Chloroform	1.022	1.057	-3.4#	99	0.00
31 T	Cyclohexane	0.862	0.852	1.2	102	0.00
32 T	1,1,1-Trichloroethane	0.896	0.973	-8.6	106	0.00
33 S	1,2-Dichloroethane-d4	0.555	0.534	3.8	89	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
35 S	Dibromofluoromethane	0.303	0.295	2.6	87	0.00
36 T	1,1-Dichloropropene	0.456	0.492	-7.9	103	0.00
37 T	Ethyl Acetate	0.170	0.188	-10.6	108	0.00
38 T	Carbon Tetrachloride	0.496	0.537	-8.3	102	0.00
39 T	Methylcyclohexane	0.552	0.624	-13.0	107	0.00
40 TM	Benzene	1.266	1.341	-5.9	98	0.00
41 T	Methacrylonitrile	0.097	0.108	-11.3	99	0.00
42 TM	1,2-Dichloroethane	0.398	0.431	-8.3	100	0.00
43 T	Isopropyl Acetate	0.335	0.376	-12.2	102	0.00
44 TM	Trichloroethene	0.361	0.399	-10.5	104	0.00
45 C	1,2-Dichloropropane	0.293	0.317	-8.2#	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.166	0.184	-10.8	104	0.00
47 T	Bromodichloromethane	0.436	0.475	-8.9	99	0.00
48 T	Methyl methacrylate	0.172	0.185	-7.6	98	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	103	0.00
50 S	Toluene-d8	1.135	1.145	-0.9	90	0.00
51 T	4-Methyl-2-Pentanone	0.158	0.188	-19.0	107	0.00
52 CM	Toluene	0.819	0.951	-16.1#	106	0.00
53 T	t-1,3-Dichloropropene	0.424	0.489	-15.3	107	0.00
54 T	cis-1,3-Dichloropropene	0.490	0.539	-10.0	101	0.00
55 T	1,1,2-Trichloroethane	0.226	0.259	-14.6	106	0.00
56 T	Ethyl methacrylate	0.272	0.330	-21.3#	109	0.00
57 T	1,3-Dichloropropane	0.372	0.436	-17.2	108	0.00
58 T	2-Chloroethyl Vinyl ether	0.125	0.139	-11.2	93	0.00
59 T	2-Hexanone	0.106	0.130	-22.6#	112	0.00
60 T	Dibromochloromethane	0.286	0.330	-15.4	105	0.00
61 T	1,2-Dibromoethane	0.224	0.258	-15.2	110	0.00
62 S	4-Bromofluorobenzene	0.417	0.435	-4.3	94	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
64 T	Tetrachloroethene	0.360	0.370	-2.8	104	0.00
65 PM	Chlorobenzene	1.042	1.144	-9.8	107	0.00
66 T	1,1,1,2-Tetrachloroethane	0.367	0.396	-7.9	105	0.00
67 C	Ethyl Benzene	1.792	2.028	-13.2#	108	0.00
68 T	m/p-Xylenes	0.697	0.797	-14.3	113	0.00
69 T	o-Xylene	0.651	0.739	-13.5	105	0.00
70 T	Styrene	1.051	1.225	-16.6	111	0.00
71 P	Bromoform	0.188	0.210	-11.7	109	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
73 T	Isopropylbenzene	3.831	4.196	-9.5	112	0.00
74 T	N-amyl acetate	0.696	0.811	-16.5	116	0.00
75 P	1,1,2,2-Tetrachloroethane	0.567	0.640	-12.9	106	0.00
76 T	1,2,3-Trichloropropane	0.412	0.497	-20.6#	108	0.00
77 T	Bromobenzene	0.849	0.924	-8.8	106	0.00
78 T	n-propylbenzene	4.312	4.874	-13.0	111	0.00
79 T	2-Chlorotoluene	2.609	2.840	-8.9	106	0.00
80 T	1,3,5-Trimethylbenzene	3.219	3.566	-10.8	112	0.00
81 T	trans-1,4-Dichloro-2-butene	0.187	0.213	-13.9	115	0.00
82 T	4-Chlorotoluene	2.750	2.965	-7.8	108	0.00
83 T	tert-Butylbenzene	2.837	3.180	-12.1	111	0.00
84 T	1,2,4-Trimethylbenzene	3.313	3.634	-9.7	111	0.00
85 T	sec-Butylbenzene	3.872	4.338	-12.0	117	0.00
86 T	p-Isopropyltoluene	3.479	3.872	-11.3	110	0.00
87 T	1,3-Dichlorobenzene	1.693	1.842	-8.8	109	0.00
88 T	1,4-Dichlorobenzene	1.702	1.845	-8.4	112	0.00
89 T	n-Butylbenzene	3.225	3.634	-12.7	113	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.619	0.667	-7.8	109	0.00
91 T	1,2-Dichlorobenzene	1.517	1.653	-9.0	112	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.114	0.124	-8.8	106	0.00
93 T	1,2,4-Trichlorobenzene	1.044	1.121	-7.4	110	0.00
94 T	Hexachlorobutadiene	0.554	0.577	-4.2	106	0.00
95 T	Naphthalene	1.997	2.259	-13.1	108	0.00
96 T	1,2,3-Trichlorobenzene	0.907	0.974	-7.4	105	0.00

(#) = Out of Range

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