

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101818\
 Data File : VW006170.D
 Acq On : 18 Oct 2018 12:31
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 19 06:42:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 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	100	0.00
2 T	Dichlorodifluoromethane	0.247	0.241	2.4	94	0.00
3 P	Chloromethane	0.318	0.286	10.1	95	0.00
4 C	Vinyl Chloride	0.455	0.452	0.7#	100	0.00
5 T	Bromomethane	0.414	0.393	5.1	100	0.00
6 T	Chloroethane	0.326	0.303	7.1	94	0.00
7 T	Trichlorofluoromethane	0.424	0.425	-0.2	99	0.00
8 T	Diethyl Ether	0.225	0.191	15.1	82	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.444	0.456	-2.7	107	0.00
10 T	Methyl Iodide	0.739	0.750	-1.5	104	0.00
11 T	Tert butyl alcohol	0.028	0.021	25.0#	83	-0.02
12 CM	1,1-Dichloroethene	0.418	0.425	-1.7#	107	0.00
13 T	Acrolein	0.027	0.025	7.4	100	-0.01
14 T	Allyl chloride	0.597	0.573	4.0	100	0.00
15 T	Acrylonitrile	0.081	0.070	13.6	91	0.00
16 T	Acetone	0.089	0.075	15.7	107	-0.01
17 T	Carbon Disulfide	1.261	1.192	5.5	96	0.00
18 T	Methyl Acetate	0.209	0.170	18.7	85	0.00
19 T	Methyl tert-butyl Ether	0.636	0.571	10.2	93	0.00
20 T	Methylene Chloride	0.484	0.438	9.5	104	0.00
21 T	trans-1,2-Dichloroethene	0.466	0.470	-0.9	104	0.00
22 T	Diisopropyl ether	1.180	1.129	4.3	99	0.00
23 T	Vinyl Acetate	0.697	0.620	11.0	93	0.00
24 P	1,1-Dichloroethane	0.762	0.760	0.3	102	0.00
25 T	2-Butanone	0.112	0.095	15.2	92	0.00
26 T	2,2-Dichloropropane	0.537	0.532	0.9	107	0.00
27 T	cis-1,2-Dichloroethene	0.515	0.516	-0.2	104	0.00
28 T	Bromochloromethane	0.294	0.283	3.7	93	0.00
29 T	Tetrahydrofuran	0.069	0.057	17.4	88	-0.01
30 C	Chloroform	0.830	0.827	0.4#	104	0.00
31 T	Cyclohexane	0.759	0.724	4.6	105	0.00
32 T	1,1,1-Trichloroethane	0.749	0.755	-0.8	105	0.00
33 S	1,2-Dichloroethane-d4	0.415	0.365	12.0	89	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35 S	Dibromofluoromethane	0.295	0.279	5.4	93	0.00
36 T	1,1-Dichloropropene	0.461	0.480	-4.1	106	0.00
37 T	Ethyl Acetate	0.171	0.142	17.0	88	0.00
38 T	Carbon Tetrachloride	0.505	0.518	-2.6	103	0.00
39 T	Methylcyclohexane	0.613	0.638	-4.1	106	0.00
40 TM	Benzene	1.264	1.294	-2.4	104	0.00
41 T	Methacrylonitrile	0.103	0.087	15.5	84	0.00
42 TM	1,2-Dichloroethane	0.371	0.363	2.2	99	0.00
43 T	Isopropyl Acetate	0.350	0.299	14.6	88	0.00
44 TM	Trichloroethene	0.388	0.405	-4.4	106	0.00
45 C	1,2-Dichloropropane	0.303	0.300	1.0#	101	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.172	0.167	2.9	98	0.00
47 T	Bromodichloromethane	0.418	0.407	2.6	98	0.00
48 T	Methyl methacrylate	0.166	0.148	10.8	89	0.00
49 T	1,4-Dioxane	0.003	0.002	33.3#	90	0.00
50 S	Toluene-d8	1.124	1.070	4.8	94	0.00
51 T	4-Methyl-2-Pentanone	0.175	0.149	14.9	87	0.00
52 CM	Toluene	0.848	0.873	-2.9#	105	0.00
53 T	t-1,3-Dichloropropene	0.416	0.394	5.3	94	0.00
54 T	cis-1,3-Dichloropropene	0.478	0.474	0.8	99	0.00
55 T	1,1,2-Trichloroethane	0.241	0.229	5.0	96	0.00
56 T	Ethyl methacrylate	0.296	0.269	9.1	92	0.00
57 T	1,3-Dichloropropane	0.399	0.380	4.8	96	0.00
58 T	2-Chloroethyl Vinyl ether	0.113	0.099	12.4	92	0.00
59 T	2-Hexanone	0.125	0.108	13.6	90	0.00
60 T	Dibromochloromethane	0.301	0.284	5.6	93	0.00
61 T	1,2-Dibromoethane	0.241	0.227	5.8	94	0.00
62 S	4-Bromofluorobenzene	0.422	0.401	5.0	93	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64 T	Tetrachloroethene	0.388	0.406	-4.6	104	0.00
65 PM	Chlorobenzene	1.070	1.110	-3.7	103	0.00
66 T	1,1,1,2-Tetrachloroethane	0.380	0.391	-2.9	99	0.00
67 C	Ethyl Benzene	1.855	1.958	-5.6#	104	0.00
68 T	m/p-Xylenes	0.733	0.776	-5.9	104	0.00
69 T	o-Xylene	0.699	0.737	-5.4	103	0.00
70 T	Styrene	1.136	1.190	-4.8	102	0.00
71 P	Bromoform	0.212	0.192	9.4	86	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73 T	Isopropylbenzene	3.532	3.797	-7.5	105	0.00
74 T	N-amyl acetate	0.686	0.611	10.9	87	0.00
75 P	1,1,2,2-Tetrachloroethane	0.537	0.511	4.8	91	0.00
76 T	1,2,3-Trichloropropane	0.382	0.339	11.3	90	0.00
77 T	Bromobenzene	0.865	0.899	-3.9	100	0.00
78 T	n-propylbenzene	4.110	4.417	-7.5	104	0.00
79 T	2-Chlorotoluene	2.309	2.453	-6.2	102	0.00
80 T	1,3,5-Trimethylbenzene	2.978	3.175	-6.6	102	0.00
81 T	trans-1,4-Dichloro-2-butene	0.160	0.138	13.7	82	0.00
82 T	4-Chlorotoluene	2.419	2.550	-5.4	102	0.00
83 T	tert-Butylbenzene	2.664	2.872	-7.8	104	0.00
84 T	1,2,4-Trimethylbenzene	3.013	3.212	-6.6	103	0.00
85 T	sec-Butylbenzene	3.764	4.078	-8.3	104	0.00
86 T	p-Isopropyltoluene	3.404	3.694	-8.5	103	0.00
87 T	1,3-Dichlorobenzene	1.722	1.825	-6.0	103	0.00
88 T	1,4-Dichlorobenzene	1.714	1.781	-3.9	101	0.00
89 T	n-Butylbenzene	3.114	3.372	-8.3	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.577	0.584	-1.2	94	0.00
91 T	1,2-Dichlorobenzene	1.536	1.574	-2.5	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.096	0.081	15.6	81	0.00
93 T	1,2,4-Trichlorobenzene	1.182	1.213	-2.6	102	0.00
94 T	Hexachlorobutadiene	0.742	0.805	-8.5	106	0.00
95 T	Naphthalene	1.966	1.876	4.6	94	0.00
96 T	1,2,3-Trichlorobenzene	1.022	1.027	-0.5	99	0.00

(#) = Out of Range

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