

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW091519\
 Data File : VW013009.D
 Acq On : 14 Sep 2019 22:49
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 16 07:56:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 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	88	0.00
2 T	Dichlorodifluoromethane	0.214	0.203	5.1	93	0.00
3 P	Chloromethane	0.273	0.279	-2.2	99	0.00
4 C	Vinyl Chloride	0.358	0.371	-3.6#	97	0.00
5 T	Bromomethane	0.219	0.229	-4.6	99	0.00
6 T	Chloroethane	0.219	0.241	-10.0	99	0.00
7 T	Trichlorofluoromethane	0.250	0.233	6.8	81	0.00
8 T	Diethyl Ether	0.195	0.218	-11.8	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.380	0.402	-5.8	95	0.00
10 T	Methyl Iodide	0.475	0.527	-10.9	97	0.00
11 T	Tert butyl alcohol	0.036	0.038	-5.6	102	0.02
12 CM	1,1-Dichloroethene	0.345	0.370	-7.2#	96	0.00
13 T	Acrolein	0.034	0.044	-29.4#	107	0.00
14 T	Allyl chloride	0.655	0.720	-9.9	96	0.00
15 T	Acrylonitrile	0.100	0.121	-21.0#	106	0.00
16 T	Acetone	0.110	0.109	0.9	88	0.00
17 T	Carbon Disulfide	0.688	0.702	-2.0	94	0.00
18 T	Methyl Acetate	0.263	0.354	-34.6#	126	0.00
19 T	Methyl tert-butyl Ether	0.681	0.810	-18.9	102	0.00
20 T	Methylene Chloride	0.434	0.442	-1.8	99	0.00
21 T	trans-1,2-Dichloroethene	0.370	0.395	-6.8	93	0.00
22 T	Diisopropyl ether	1.361	1.556	-14.3	98	0.00
23 T	Vinyl Acetate	0.815	0.915	-12.3	94	0.00
24 P	1,1-Dichloroethane	0.785	0.850	-8.3	96	0.00
25 T	2-Butanone	0.147	0.167	-13.6	100	0.00
26 T	2,2-Dichloropropane	0.556	0.507	8.8	84	0.00
27 T	cis-1,2-Dichloroethene	0.443	0.489	-10.4	98	0.00
28 T	Bromochloromethane	0.330	0.378	-14.5	100	0.00
29 T	Tetrahydrofuran	0.084	0.105	-25.0#	108	0.00
30 C	Chloroform	0.797	0.861	-8.0#	96	0.00
31 T	Cyclohexane	0.669	0.646	3.4	93	0.00
32 T	1,1,1-Trichloroethane	0.657	0.708	-7.8	95	0.00
33 S	1,2-Dichloroethane-d4	0.462	0.495	-7.1	91	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
35 S	Dibromofluoromethane	0.271	0.277	-2.2	90	0.00
36 T	1,1-Dichloropropene	0.400	0.411	-2.7	95	0.00
37 T	Ethyl Acetate	0.212	0.243	-14.6	106	0.00
38 T	Carbon Tetrachloride	0.409	0.421	-2.9	93	0.00
39 T	Methylcyclohexane	0.438	0.447	-2.1	94	0.00
40 TM	Benzene	1.115	1.175	-5.4	95	0.00
41 T	Methacrylonitrile	0.140	0.157	-12.1	103	0.00
42 TM	1,2-Dichloroethane	0.374	0.395	-5.6	96	0.00
43 T	Isopropyl Acetate	0.407	0.468	-15.0	103	0.00
44 TM	Trichloroethene	0.306	0.319	-4.2	96	0.00
45 C	1,2-Dichloropropane	0.296	0.320	-8.1#	96	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	0.142	0.160	-12.7	101	0.00
47 T	Bromodichloromethane	0.398	0.429	-7.8	95	0.00
48 T	Methyl methacrylate	0.191	0.225	-17.8	106	0.00
49 T	1,4-Dioxane	0.002	0.003	-50.0#	101	0.00
50 S	Toluene-d8	1.062	1.124	-5.8	90	0.00
51 T	4-Methyl-2-Pentanone	0.210	0.253	-20.5#	108	0.00
52 CM	Toluene	0.709	0.760	-7.2#	96	0.00
53 T	t-1,3-Dichloropropene	0.401	0.434	-8.2	95	0.00
54 T	cis-1,3-Dichloropropene	0.458	0.490	-7.0	95	0.00
55 T	1,1,2-Trichloroethane	0.216	0.244	-13.0	102	0.00
56 T	Ethyl methacrylate	0.291	0.348	-19.6	104	0.00
57 T	1,3-Dichloropropane	0.384	0.432	-12.5	100	0.00
58 T	2-Chloroethyl Vinyl ether	0.156	0.173	-10.9	99	0.00
59 T	2-Hexanone	0.146	0.174	-19.2	104	0.00
60 T	Dibromochloromethane	0.261	0.287	-10.0	96	0.00
61 T	1,2-Dibromoethane	0.197	0.224	-13.7	101	0.00
62 S	4-Bromofluorobenzene	0.382	0.396	-3.7	92	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
64 T	Tetrachloroethene	0.297	0.340	-14.5	105	0.00
65 PM	Chlorobenzene	0.891	0.948	-6.4	98	0.00
66 T	1,1,1,2-Tetrachloroethane	0.341	0.362	-6.2	95	0.00
67 C	Ethyl Benzene	1.645	1.760	-7.0#	95	0.00
68 T	m/p-Xylenes	0.601	0.652	-8.5	96	0.00
69 T	o-Xylene	0.563	0.613	-8.9	97	0.00
70 T	Styrene	1.002	1.091	-8.9	96	0.00
71 P	Bromoform	0.179	0.207	-15.6	100	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73 T	Isopropylbenzene	3.314	3.529	-6.5	95	0.00
74 T	N-amyl acetate	0.853	0.986	-15.6	103	0.00
75 P	1,1,2,2-Tetrachloroethane	0.582	0.674	-15.8	103	0.00
76 T	1,2,3-Trichloropropane	0.438	0.538	-22.8#	127	0.00
77 T	Bromobenzene	0.763	0.833	-9.2	99	0.00
78 T	n-propylbenzene	3.898	4.198	-7.7	96	0.00
79 T	2-Chlorotoluene	2.241	2.397	-7.0	96	0.00
80 T	1,3,5-Trimethylbenzene	2.804	3.001	-7.0	97	0.00
81 T	trans-1,4-Dichloro-2-butene	0.193	0.211	-9.3	97	0.00
82 T	4-Chlorotoluene	2.365	2.500	-5.7	94	0.00
83 T	tert-Butylbenzene	2.508	2.684	-7.0	95	0.00
84 T	1,2,4-Trimethylbenzene	2.771	2.973	-7.3	96	0.00
85 T	sec-Butylbenzene	3.417	3.648	-6.8	95	0.00
86 T	p-Isopropyltoluene	3.137	3.374	-7.6	96	0.00
87 T	1,3-Dichlorobenzene	1.511	1.608	-6.4	98	0.00
88 T	1,4-Dichlorobenzene	1.485	1.574	-6.0	96	0.00
89 T	n-Butylbenzene	2.958	3.152	-6.6	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.562	0.601	-6.9	97	0.00
91 T	1,2-Dichlorobenzene	1.329	1.439	-8.3	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.107	0.125	-16.8	110	0.00
93 T	1,2,4-Trichlorobenzene	0.948	1.052	-11.0	100	0.00
94 T	Hexachlorobutadiene	0.671	0.698	-4.0	97	0.00
95 T	Naphthalene	1.584	1.984	-25.3#	108	0.00
96 T	1,2,3-Trichlorobenzene	0.838	0.953	-13.7	104	0.00

(#) = Out of Range

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