

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081919\
 Data File : VW011994.D
 Acq On : 19 Aug 2019 16:23
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 19 16:49:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 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	101	0.00
2 T	Dichlorodifluoromethane	0.279	0.284	-1.8	100	0.00
3 P	Chloromethane	0.483	0.489	-1.2	105	0.00
4 C	Vinyl Chloride	0.582	0.634	-8.9#	105	0.00
5 T	Bromomethane	0.322	0.331	-2.8	102	0.00
6 T	Chloroethane	0.332	0.368	-10.8	106	0.00
7 T	Trichlorofluoromethane	0.260	0.320	-23.1#	115	0.00
8 T	Diethyl Ether	0.295	0.316	-7.1	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.493	0.560	-13.6	107	0.00
10 T	Methyl Iodide	0.697	0.798	-14.5	106	0.00
11 T	Tert butyl alcohol	0.048	0.044	8.3	104	0.00
12 CM	1,1-Dichloroethene	0.521	0.584	-12.1#	106	0.00
13 T	Acrolein	0.041	0.032	22.0#	80	0.00
14 T	Allyl chloride	1.108	1.239	-11.8	105	0.00
15 T	Acrylonitrile	0.147	0.161	-9.5	103	0.00
16 T	Acetone	0.183	0.175	4.4	91	0.00
17 T	Carbon Disulfide	1.630	1.694	-3.9	97	0.00
18 T	Methyl Acetate	0.410	0.417	-1.7	96	0.00
19 T	Methyl tert-butyl Ether	0.826	0.929	-12.5	104	0.00
20 T	Methylene Chloride	0.630	0.639	-1.4	103	0.00
21 T	trans-1,2-Dichloroethene	0.561	0.627	-11.8	107	0.00
22 T	Diisopropyl ether	2.088	2.346	-12.4	106	0.00
23 T	Vinyl Acetate	1.312	1.451	-10.6	102	0.00
24 P	1,1-Dichloroethane	1.118	1.253	-12.1	106	0.00
25 T	2-Butanone	0.239	0.241	-0.8	92	0.00
26 T	2,2-Dichloropropane	0.688	0.708	-2.9	105	0.00
27 T	cis-1,2-Dichloroethene	0.618	0.692	-12.0	108	0.00
28 T	Bromochloromethane	0.496	0.539	-8.7	114	0.00
29 T	Tetrahydrofuran	0.137	0.148	-8.0	100	0.00
30 C	Chloroform	1.032	1.138	-10.3#	107	0.00
31 T	Cyclohexane	1.073	1.168	-8.9	107	0.00
32 T	1,1,1-Trichloroethane	0.786	0.914	-16.3	110	0.00
33 S	1,2-Dichloroethane-d4	0.574	0.531	7.5	91	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
35 S	Dibromofluoromethane	0.281	0.284	-1.1	96	0.00
36 T	1,1-Dichloropropene	0.520	0.605	-16.3	108	0.00
37 T	Ethyl Acetate	0.299	0.324	-8.4	99	0.00
38 T	Carbon Tetrachloride	0.445	0.524	-17.8	108	0.00
39 T	Methylcyclohexane	0.572	0.688	-20.3#	110	0.00
40 TM	Benzene	1.456	1.667	-14.5	108	0.00
41 T	Methacrylonitrile	0.179	0.194	-8.4	101	0.00
42 TM	1,2-Dichloroethane	0.456	0.508	-11.4	104	0.00
43 T	Isopropyl Acetate	0.550	0.623	-13.3	103	0.00
44 TM	Trichloroethene	0.350	0.412	-17.7	110	0.00
45 C	1,2-Dichloropropane	0.390	0.451	-15.6#	107	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.178	0.200	-12.4	104	0.00
47 T	Bromodichloromethane	0.467	0.536	-14.8	106	0.00
48 T	Methyl methacrylate	0.264	0.300	-13.6	101	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	112	0.00
50 S	Toluene-d8	1.148	1.157	-0.8	96	0.00
51 T	4-Methyl-2-Pentanone	0.286	0.320	-11.9	100	0.00
52 CM	Toluene	0.879	1.029	-17.1#	109	0.00
53 T	t-1,3-Dichloropropene	0.487	0.567	-16.4	106	0.00
54 T	cis-1,3-Dichloropropene	0.579	0.678	-17.1	106	0.00
55 T	1,1,2-Trichloroethane	0.252	0.291	-15.5	106	0.00
56 T	Ethyl methacrylate	0.369	0.441	-19.5	105	0.00
57 T	1,3-Dichloropropane	0.477	0.550	-15.3	106	0.00
58 T	2-Chloroethyl Vinyl ether	0.168	0.220	-31.0#	117	0.00
59 T	2-Hexanone	0.202	0.232	-14.9	100	0.00
60 T	Dibromochloromethane	0.280	0.324	-15.7	105	0.00
61 T	1,2-Dibromoethane	0.239	0.273	-14.2	105	0.00
62 S	4-Bromofluorobenzene	0.409	0.410	-0.2	95	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64 T	Tetrachloroethene	0.326	0.385	-18.1	111	0.00
65 PM	Chlorobenzene	1.005	1.174	-16.8	109	0.00
66 T	1,1,1,2-Tetrachloroethane	0.350	0.415	-18.6	108	0.00
67 C	Ethyl Benzene	1.915	2.282	-19.2#	109	0.00
68 T	m/p-Xylenes	0.696	0.828	-19.0	109	0.00
69 T	o-Xylene	0.647	0.778	-20.2#	108	0.00
70 T	Styrene	1.119	1.343	-20.0#	108	0.00
71 P	Bromoform	0.179	0.212	-18.4	104	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73 T	Isopropylbenzene	3.730	4.516	-21.1#	111	0.00
74 T	N-amyl acetate	1.168	1.424	-21.9#	107	0.00
75 P	1,1,2,2-Tetrachloroethane	0.702	0.802	-14.2	103	0.00
76 T	1,2,3-Trichloropropane	0.529	0.572	-8.1	105	0.00
77 T	Bromobenzene	0.824	0.969	-17.6	107	0.00
78 T	n-propylbenzene	4.540	5.497	-21.1#	111	0.00
79 T	2-Chlorotoluene	2.615	3.104	-18.7	110	0.00
80 T	1,3,5-Trimethylbenzene	3.127	3.801	-21.6#	110	0.00
81 T	trans-1,4-Dichloro-2-butene	0.230	0.279	-21.3#	106	0.00
82 T	4-Chlorotoluene	2.744	3.173	-15.6	106	0.00
83 T	tert-Butylbenzene	2.615	3.262	-24.7#	113	0.00
84 T	1,2,4-Trimethylbenzene	3.150	3.796	-20.5#	110	0.00
85 T	sec-Butylbenzene	3.731	4.613	-23.6#	113	0.00
86 T	p-Isopropyltoluene	3.385	4.182	-23.5#	112	0.00
87 T	1,3-Dichlorobenzene	1.617	1.908	-18.0	109	0.00
88 T	1,4-Dichlorobenzene	1.608	1.882	-17.0	109	0.00
89 T	n-Butylbenzene	3.378	4.201	-24.4#	113	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.599	0.731	-22.0#	110	0.00
91 T	1,2-Dichlorobenzene	1.430	1.685	-17.8	109	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.120	0.137	-14.2	101	0.00
93 T	1,2,4-Trichlorobenzene	1.008	1.212	-20.2#	109	0.00
94 T	Hexachlorobutadiene	0.628	0.785	-25.0#	115	0.00
95 T	Naphthalene	1.787	2.226	-24.6#	105	0.00
96 T	1,2,3-Trichlorobenzene	0.883	1.061	-20.2#	108	0.00

(#) = Out of Range

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