

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051019\
 Data File : VW010351.D
 Acq On : 10 May 2019 12:34
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: May 10 23:34:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 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	106	0.00
2 T	Dichlorodifluoromethane	0.405	0.361	10.9	103	0.00
3 P	Chloromethane	0.512	0.484	5.5	108	0.00
4 C	Vinyl Chloride	0.636	0.607	4.6#	106	0.00
5 T	Bromomethane	0.367	0.348	5.2	106	0.00
6 T	Chloroethane	0.368	0.364	1.1	107	0.00
7 T	Trichlorofluoromethane	0.318	0.273	14.2	94	0.00
8 T	Diethyl Ether	0.280	0.283	-1.1	111	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.522	0.504	3.4	108	0.00
10 T	Methyl Iodide	0.739	0.722	2.3	108	0.00
11 T	Tert butyl alcohol	0.038	0.029	23.7#	85	0.00
12 CM	1,1-Dichloroethene	0.545	0.532	2.4#	108	0.00
13 T	Acrolein	0.050	0.048	4.0	101	0.00
14 T	Allyl chloride	0.814	0.815	-0.1	108	0.00
15 T	Acrylonitrile	0.155	0.127	18.1	88	0.00
16 T	Acetone	0.139	0.125	10.1	89	0.00
17 T	Carbon Disulfide	1.649	1.563	5.2	104	0.00
18 T	Methyl Acetate	0.343	0.278	19.0	88	0.00
19 T	Methyl tert-butyl Ether	0.649	0.654	-0.8	105	0.00
20 T	Methylene Chloride	0.578	0.557	3.6	113	0.00
21 T	trans-1,2-Dichloroethene	0.587	0.578	1.5	106	0.00
22 T	Diisopropyl ether	1.579	1.705	-8.0	113	0.00
23 T	Vinyl Acetate	1.085	1.107	-2.0	104	0.00
24 P	1,1-Dichloroethane	1.063	1.068	-0.5	110	0.00
25 T	2-Butanone	0.212	0.179	15.6	87	0.00
26 T	2,2-Dichloropropane	0.529	0.544	-2.8	111	0.00
27 T	cis-1,2-Dichloroethene	0.604	0.619	-2.5	110	0.00
28 T	Bromochloromethane	0.392	0.395	-0.8	112	0.00
29 T	Tetrahydrofuran	0.137	0.114	16.8	86	0.00
30 C	Chloroform	0.995	1.011	-1.6#	110	0.00
31 T	Cyclohexane	1.089	1.032	5.2	106	0.00
32 T	1,1,1-Trichloroethane	0.771	0.761	1.3	108	0.00
33 S	1,2-Dichloroethane-d4	0.532	0.519	2.4	103	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	109	0.00
35 S	Dibromofluoromethane	0.293	0.285	2.7	103	0.00
36 T	1,1-Dichloropropene	0.542	0.532	1.8	108	0.00
37 T	Ethyl Acetate	0.289	0.244	15.6	90	0.00
38 T	Carbon Tetrachloride	0.465	0.455	2.2	108	0.00
39 T	Methylcyclohexane	0.663	0.664	-0.2	107	0.00
40 TM	Benzene	1.485	1.463	1.5	109	0.00
41 T	Methacrylonitrile	0.162	0.143	11.7	92	0.00
42 TM	1,2-Dichloroethane	0.425	0.425	0.0	111	0.00
43 T	Isopropyl Acetate	0.479	0.440	8.1	98	0.00
44 TM	Trichloroethene	0.372	0.364	2.2	108	0.00
45 C	1,2-Dichloropropane	0.369	0.373	-1.1#	111	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	0.191	0.181	5.2	105	0.00
47 T	Bromodichloromethane	0.457	0.464	-1.5	112	0.00
48 T	Methyl methacrylate	0.226	0.214	5.3	98	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	82	0.00
50 S	Toluene-d8	1.191	1.162	2.4	101	0.00
51 T	4-Methyl-2-Pentanone	0.275	0.241	12.4	91	0.00
52 CM	Toluene	0.907	0.913	-0.7#	109	0.00
53 T	t-1,3-Dichloropropene	0.463	0.481	-3.9	110	0.00
54 T	cis-1,3-Dichloropropene	0.549	0.573	-4.4	112	0.00
55 T	1,1,2-Trichloroethane	0.271	0.259	4.4	106	0.00
56 T	Ethyl methacrylate	0.358	0.366	-2.2	106	0.00
57 T	1,3-Dichloropropane	0.484	0.475	1.9	106	0.00
58 T	2-Chloroethyl Vinyl ether	0.171	0.180	-5.3	114	0.00
59 T	2-Hexanone	0.194	0.174	10.3	91	0.00
60 T	Dibromochloromethane	0.291	0.294	-1.0	110	0.00
61 T	1,2-Dibromoethane	0.260	0.249	4.2	105	0.00
62 S	4-Bromofluorobenzene	0.419	0.421	-0.5	105	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
64 T	Tetrachloroethene	0.349	0.333	4.6	106	0.00
65 PM	Chlorobenzene	1.035	1.035	0.0	111	0.00
66 T	1,1,1,2-Tetrachloroethane	0.350	0.357	-2.0	112	0.00
67 C	Ethyl Benzene	1.904	1.966	-3.3#	110	0.00
68 T	m/p-Xylenes	0.707	0.732	-3.5	110	0.00
69 T	o-Xylene	0.640	0.672	-5.0	110	0.00
70 T	Styrene	1.115	1.191	-6.8	111	0.00
71 P	Bromoform	0.200	0.187	6.5	102	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	108	0.00
73 T	Isopropylbenzene	3.644	3.819	-4.8	110	0.00
74 T	N-amyl acetate	0.942	0.947	-0.5	105	0.00
75 P	1,1,2,2-Tetrachloroethane	0.803	0.716	10.8	98	0.00
76 T	1,2,3-Trichloropropane	0.583	0.621	-6.5	117	0.00
77 T	Bromobenzene	0.823	0.841	-2.2	112	0.00
78 T	n-propylbenzene	4.501	4.696	-4.3	109	0.00
79 T	2-Chlorotoluene	2.563	2.639	-3.0	111	0.00
80 T	1,3,5-Trimethylbenzene	3.073	3.222	-4.8	110	0.00
81 T	trans-1,4-Dichloro-2-butene	0.258	0.236	8.5	97	0.00
82 T	4-Chlorotoluene	2.686	2.765	-2.9	111	0.00
83 T	tert-Butylbenzene	2.563	2.693	-5.1	110	0.00
84 T	1,2,4-Trimethylbenzene	3.053	3.230	-5.8	111	0.00
85 T	sec-Butylbenzene	3.783	3.955	-4.5	109	0.00
86 T	p-Isopropyltoluene	3.359	3.564	-6.1	109	0.00
87 T	1,3-Dichlorobenzene	1.643	1.666	-1.4	111	0.00
88 T	1,4-Dichlorobenzene	1.631	1.640	-0.6	111	0.00
89 T	n-Butylbenzene	3.368	3.574	-6.1	110	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.623	0.622	0.2	108	0.00
91 T	1,2-Dichlorobenzene	1.455	1.463	-0.5	110	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.145	0.119	17.9	91	0.00
93 T	1,2,4-Trichlorobenzene	0.993	1.075	-8.3	113	0.00
94 T	Hexachlorobutadiene	0.636	0.653	-2.7	110	0.00
95 T	Naphthalene	2.034	2.026	0.4	100	0.00
96 T	1,2,3-Trichlorobenzene	0.897	0.941	-4.9	111	0.00

(#) = Out of Range

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