

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF073118\
 Data File : VF059700.D
 Acq On : 31 Jul 2018 10:32
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00q/5mL/MSVOA F/SOIL
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 31 16:43:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 05:19:18 2018
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	101	0.01
2 T	Dichlorodifluoromethane	0.672	0.525	21.9	103	0.00
3 P	Chloromethane	0.342	0.291	14.9	106	0.00
4 C	Vinyl Chloride	0.349	0.300	14.0#	107	0.01
5 T	Bromomethane	0.285	0.228	20.0	94	0.00
6 T	Chloroethane	0.218	0.177	18.8	104	0.00
7 T	Trichlorofluoromethane	0.934	0.888	4.9	106	0.00
8 T	Diethyl Ether	0.160	0.132	17.5	92	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.489	0.466	4.7	106	0.01
10 T	Methyl Iodide	0.769	0.716	6.9	110	0.00
11 T	Tert butyl alcohol	0.040	0.033	17.5	103	-0.02
12 CM	1,1-Dichloroethene	0.387	0.368	4.9#	117	0.00
13 T	Acrolein	0.017	0.021	-23.5	105	0.00
14 T	Allyl chloride	0.618	0.582	5.8	113	0.00
15 T	Acrylonitrile	0.063	0.058	7.9	115	0.00
16 T	Acetone	0.162	0.186	-14.8	128	0.00
17 T	Carbon Disulfide	0.940	0.766	18.5	108	-0.04
18 T	Methyl Acetate	0.301	0.256	15.0	117	0.00
19 T	Methyl tert-butyl Ether	1.181	1.044	11.6	99	0.00
20 T	Methylene Chloride	0.453	0.347	23.4	104	0.00
21 T	trans-1,2-Dichloroethene	0.386	0.337	12.7	113	0.00
22 T	Diisopropyl ether	1.307	1.237	5.4	108	0.00
23 T	Vinyl Acetate	0.672	0.656	2.4	105	0.00
24 P	1,1-Dichloroethane	0.908	0.831	8.5	107	0.00
25 T	2-Butanone	0.180	0.170	5.6	86	0.00
26 T	2,2-Dichloropropane	0.647	0.628	2.9	108	0.01
27 T	cis-1,2-Dichloroethene	0.486	0.450	7.4	104	0.00
28 T	Bromochloromethane	0.360	0.326	9.4	107	0.00
29	Tetrahydrofuran	0.069	0.065	5.8	108	0.00
30 C	Chloroform	1.282	1.120	12.6#	98	0.00
31 T	Cyclohexane	0.491	0.438	10.8	111	0.01
32 T	1,1,1-Trichloroethane	0.994	0.886	10.9	102	0.01
33 S	1,2-Dichloroethane-d4	0.899	0.815	9.3	98	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
35 S	Dibromofluoromethane	0.519	0.491	5.4	105	0.00
36 T	1,1-Dichloropropene	0.573	0.498	13.1	107	0.00
37 T	Ethyl Acetate	0.288	0.236	18.1	97	0.00
38 T	Carbon Tetrachloride	0.795	0.748	5.9	111	0.00
39 T	Methylcyclohexane	0.433	0.384	11.3	107	0.01
40 TM	Benzene	1.010	0.913	9.6	110	0.00
41 T	Methacrylonitrile	0.141	0.120	14.9	99	0.00
42 TM	1,2-Dichloroethane	0.707	0.631	10.7	102	0.00
43 T	Isopropyl Acetate	0.299	0.266	11.0	105	0.00
44 TM	Trichloroethene	0.389	0.337	13.4	102	0.00
45 C	1,2-Dichloropropane	0.267	0.252	5.6#	105	0.01

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.253	0.230	9.1	101	0.00
47 T	Bromodichloromethane	0.689	0.642	6.8	103	0.00
48 T	Methyl methacrylate	0.225	0.208	7.6	103	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	132	0.00
50 S	Toluene-d8	1.211	1.146	5.4	106	0.00
51 T	4-Methyl-2-Pentanone	0.227	0.217	4.4	104	0.00
52 CM	Toluene	0.748	0.638	14.7#	103	0.00
53 T	t-1,3-Dichloropropene	0.598	0.521	12.9	101	0.00
54 T	cis-1,3-Dichloropropene	0.579	0.545	5.9	103	0.01
55 T	1,1,2-Trichloroethane	0.273	0.254	7.0	104	0.00
56 T	Ethyl methacrylate	0.285	0.287	-0.7	104	0.00
57 T	1,3-Dichloropropane	0.469	0.427	9.0	103	0.00
58 T	2-Chloroethyl Vinyl ether	0.033	0.028	15.2	101	0.00
59 T	2-Hexanone	0.182	0.180	1.1	111	0.00
60 T	Dibromochloromethane	0.483	0.461	4.6	105	0.00
61 T	1,2-Dibromoethane	0.319	0.304	4.7	108	0.00
62 S	4-Bromofluorobenzene	0.670	0.626	6.6	102	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
64 T	Tetrachloroethene	0.386	0.339	12.2	108	0.00
65 PM	Chlorobenzene	1.000	0.912	8.8	105	0.00
66 T	1,1,1,2-Tetrachloroethane	0.467	0.439	6.0	104	0.00
67 C	Ethyl Benzene	1.731	1.663	3.9#	107	0.01
68 T	m/p-Xylenes	0.609	0.565	7.2	107	0.00
69 T	o-Xylene	0.638	0.636	0.3	109	0.00
70 T	Styrene	0.966	0.906	6.2	104	0.00
71 P	Bromoform	0.304	0.287	5.6	101	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
73 T	Isopropylbenzene	3.281	3.198	2.5	102	0.00
74 T	N-amyl acetate	0.828	0.790	4.6	102	0.00
75 P	1,1,2,2-Tetrachloroethane	0.618	0.625	-1.1	106	0.00
76 T	1,2,3-Trichloropropane	0.525	0.477	9.1	99	0.00
77 T	Bromobenzene	0.857	0.787	8.2	99	0.00
78 T	n-propylbenzene	3.814	3.609	5.4	103	0.00
79 T	2-Chlorotoluene	2.372	2.200	7.3	100	0.01
80 T	1,3,5-Trimethylbenzene	2.936	2.774	5.5	102	0.00
81 T	trans-1,4-Dichloro-2-butene	0.217	0.211	2.8	102	0.00
82 T	4-Chlorotoluene	2.547	2.454	3.7	106	0.00
83 T	tert-Butylbenzene	2.945	3.020	-2.5	106	0.00
84 T	1,2,4-Trimethylbenzene	2.956	2.904	1.8	104	0.00
85 T	sec-Butylbenzene	3.774	3.556	5.8	98	0.00
86 T	p-Isopropyltoluene	3.313	3.265	1.4	104	0.00
87 T	1,3-Dichlorobenzene	1.633	1.539	5.8	104	0.00
88 T	1,4-Dichlorobenzene	1.591	1.493	6.2	102	0.00
89 T	n-Butylbenzene	3.138	3.136	0.1	106	0.00

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90 T	Hexachloroethane	0.827	0.808	2.3	103	0.00
91 T	1,2-Dichlorobenzene	1.568	1.472	6.1	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.151	0.151	0.0	100	0.00
93 T	1,2,4-Trichlorobenzene	1.228	1.167	5.0	100	0.00
94 T	Hexachlorobutadiene	0.820	0.798	2.7	100	0.00
95 T	Naphthalene	2.156	2.121	1.6	100	0.00
96 T	1,2,3-Trichlorobenzene	1.192	1.169	1.9	99	0.00

(#) = Out of Range

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