

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF011119\
 Data File : VF061361.D
 Acq On : 11 Jan 2019 11:37
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00q/5mL/MSVOA-F/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 12 03:39:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 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	98	-0.03
2 T	Dichlorodifluoromethane	0.922	0.916	0.7	90	0.00
3 P	Chloromethane	0.822	0.670	18.5	76	0.00
4 C	Vinyl Chloride	0.734	0.632	13.9#	76	0.00
5 T	Bromomethane	0.506	0.472	6.7	76	0.00
6 T	Chloroethane	0.358	0.322	10.1	76	0.00
7 T	Trichlorofluoromethane	1.244	1.310	-5.3	92	0.00
8 T	Diethyl Ether	0.183	0.162	11.5	75	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.657	0.583	11.3	77	0.00
10 T	Methyl Iodide	1.029	0.892	13.3	76	-0.01
11 T	Tert butyl alcohol	0.022	0.020	9.1	97	-0.02
12 CM	1,1-Dichloroethene	0.525	0.466	11.2#	76	0.02
13 T	Acrolein	0.028	0.024	14.3	87	-0.02
14 T	Allyl chloride	0.960	0.869	9.5	79	-0.01
15 T	Acrylonitrile	0.079	0.065	17.7	78	-0.02
16 T	Acetone	0.129	0.143	-10.9	107	-0.01
17 T	Carbon Disulfide	1.735	1.456	16.1	71	-0.01
18 T	Methyl Acetate	0.255	0.233	8.6	85	-0.01
19 T	Methyl tert-butyl Ether	1.001	0.906	9.5	76	-0.02
20 T	Methylene Chloride	0.548	0.480	12.4	79	-0.01
21 T	trans-1,2-Dichloroethene	0.557	0.517	7.2	79	-0.01
22 T	Diisopropyl ether	1.858	1.631	12.2	77	-0.01
23 T	Vinyl Acetate	0.543	0.603	-11.0	98	-0.02
24 P	1,1-Dichloroethane	1.075	0.984	8.5	82	-0.02
25 T	2-Butanone	0.208	0.210	-1.0	101	-0.02
26 T	2,2-Dichloropropane	0.718	0.681	5.2	81	-0.03
27 T	cis-1,2-Dichloroethene	0.777	0.729	6.2	87	-0.02
28 T	Bromochloromethane	0.474	0.446	5.9	85	-0.02
29	Tetrahydrofuran	0.087	0.082	5.7	90	-0.03
30 C	Chloroform	1.364	1.419	-4.0#	92	-0.03
31 T	Cyclohexane	1.128	1.042	7.6	83	-0.03
32 T	1,1,1-Trichloroethane	1.102	1.076	2.4	83	-0.03
33 S	1,2-Dichloroethane-d4	0.557	0.646	-16.0	107	-0.03
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	-0.03
35 S	Dibromofluoromethane	0.383	0.399	-4.2	100	-0.03
36 T	1,1-Dichloropropene	0.584	0.545	6.7	93	-0.03
37 T	Ethyl Acetate	0.213	0.196	8.0	98	-0.03
38 T	Carbon Tetrachloride	0.553	0.518	6.3	87	-0.03
39 T	Methylcyclohexane	0.731	0.582	20.4	75	-0.04
40 TM	Benzene	1.363	1.218	10.6	91	-0.03
41 T	Methacrylonitrile	0.119	0.113	5.0	98	-0.02
42 TM	1,2-Dichloroethane	0.424	0.433	-2.1	102	-0.02
43 T	Isopropyl Acetate	0.281	0.273	2.8	98	-0.03
44 TM	Trichloroethene	0.399	0.371	7.0	92	-0.03
45 C	1,2-Dichloropropane	0.347	0.334	3.7#	94	-0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.213	0.214	-0.5	100	-0.03
47 T	Bromodichloromethane	0.529	0.551	-4.2	99	-0.03
48 T	Methyl methacrylate	0.182	0.168	7.7	86	-0.02
49 T	1,4-Dioxane	0.001	0.001	0.0	97	-0.02
50 S	Toluene-d8	1.132	1.179	-4.2	100	-0.03
51 T	4-Methyl-2-Pentanone	0.212	0.197	7.1	90	-0.03
52 CM	Toluene	0.876	0.803	8.3#	90	-0.03
53 T	t-1,3-Dichloropropene	0.416	0.416	0.0	97	-0.03
54 T	cis-1,3-Dichloropropene	0.551	0.551	0.0	96	-0.03
55 T	1,1,2-Trichloroethane	0.245	0.238	2.9	96	-0.02
56 T	Ethyl methacrylate	0.274	0.252	8.0	89	-0.03
57 T	1,3-Dichloropropane	0.434	0.416	4.1	92	-0.03
58 T	2-Chloroethyl Vinyl ether	0.012	0.010	16.7	71	-0.03
59 T	2-Hexanone	0.150	0.149	0.7	103	-0.03
60 T	Dibromochloromethane	0.326	0.350	-7.4	97	-0.03
61 T	1,2-Dibromoethane	0.250	0.251	-0.4	99	-0.03
62 S	4-Bromofluorobenzene	0.494	0.507	-2.6	103	-0.02
63 I	Chlorobenzene-d5	1.000	1.000	0.0	105	-0.03
64 T	Tetrachloroethene	0.364	0.345	5.2	94	-0.03
65 PM	Chlorobenzene	1.010	0.924	8.5	94	-0.03
66 T	1,1,1,2-Tetrachloroethane	0.412	0.375	9.0	91	-0.03
67 C	Ethyl Benzene	1.947	1.692	13.1#	87	-0.02
68 T	m/p-Xylenes	0.679	0.629	7.4	96	-0.03
69 T	o-Xylene	0.759	0.649	14.5	83	-0.03
70 T	Styrene	1.011	0.893	11.7	87	-0.02
71 P	Bromoform	0.168	0.167	0.6	93	-0.02
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	-0.02
73 T	Isopropylbenzene	4.400	4.269	3.0	90	-0.02
74 T	N-amyl acetate	1.000	1.010	-1.0	94	-0.01
75 P	1,1,2,2-Tetrachloroethane	0.698	0.662	5.2	88	-0.02
76 T	1,2,3-Trichloropropane	0.512	0.481	6.1	94	-0.02
77 T	Bromobenzene	0.875	0.833	4.8	91	-0.02
78 T	n-propylbenzene	5.246	4.948	5.7	91	-0.02
79 T	2-Chlorotoluene	2.923	2.734	6.5	90	-0.02
80 T	1,3,5-Trimethylbenzene	3.501	3.419	2.3	95	-0.02
81 T	trans-1,4-Dichloro-2-butene	0.224	0.225	-0.4	99	-0.02
82 T	4-Chlorotoluene	2.970	2.868	3.4	97	-0.02
83 T	tert-Butylbenzene	3.488	3.447	1.2	95	-0.01
84 T	1,2,4-Trimethylbenzene	3.476	3.206	7.8	87	-0.02
85 T	sec-Butylbenzene	4.966	4.653	6.3	89	-0.02
86 T	p-Isopropyltoluene	4.040	3.723	7.8	87	-0.02
87 T	1,3-Dichlorobenzene	1.709	1.543	9.7	89	-0.02
88 T	1,4-Dichlorobenzene	1.643	1.584	3.6	92	-0.01
89 T	n-Butylbenzene	4.151	3.921	5.5	90	-0.02

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90 T	Hexachloroethane	0.924	0.930	-0.6	94	-0.02
91 T	1,2-Dichlorobenzene	1.632	1.497	8.3	87	-0.02
92 T	1,2-Dibromo-3-Chloropropane	0.118	0.118	0.0	87	-0.02
93 T	1,2,4-Trichlorobenzene	1.123	1.105	1.6	91	-0.02
94 T	Hexachlorobutadiene	0.723	0.711	1.7	91	-0.01
95 T	Naphthalene	2.116	2.069	2.2	89	-0.02
96 T	1,2,3-Trichlorobenzene	1.058	1.009	4.6	88	-0.02

(#) = Out of Range

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