

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF021219\
 Data File : VF061603.D
 Acq On : 12 Feb 2019 12:14
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 13 02:54:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 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	91	-0.02
2 T	Dichlorodifluoromethane	0.982	0.893	9.1	81	0.00
3 P	Chloromethane	0.720	0.643	10.7	87	0.01
4 C	Vinyl Chloride	0.641	0.643	-0.3#	97	0.00
5 T	Bromomethane	0.418	0.445	-6.5	95	0.00
6 T	Chloroethane	0.284	0.324	-14.1	97	0.00
7 T	Trichlorofluoromethane	1.246	1.254	-0.6	95	0.00
8 T	Diethyl Ether	0.160	0.169	-5.6	97	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.599	0.588	1.8	94	0.00
10 T	Methyl Iodide	0.928	0.964	-3.9	94	0.00
11 T	Tert butyl alcohol	0.026	0.026	0.0	93	0.01
12 CM	1,1-Dichloroethene	0.445	0.465	-4.5#	99	0.00
13 T	Acrolein	0.022	0.025	-13.6	99	0.00
14 T	Allyl chloride	0.699	0.717	-2.6	119	0.00
15 T	Acrylonitrile	0.067	0.068	-1.5	102	0.00
16 T	Acetone	0.124	0.154	-24.2	117	0.00
17 T	Carbon Disulfide	1.387	1.331	4.0	89	-0.02
18 T	Methyl Acetate	0.246	0.271	-10.2	107	0.00
19 T	Methyl tert-butyl Ether	0.997	1.015	-1.8	92	0.00
20 T	Methylene Chloride	0.477	0.468	1.9	104	0.00
21 T	trans-1,2-Dichloroethene	0.489	0.510	-4.3	103	0.00
22 T	Diisopropyl ether	1.583	1.661	-4.9	95	0.00
23 T	Vinyl Acetate	0.640	0.745	-16.4	88	0.00
24 P	1,1-Dichloroethane	0.993	1.004	-1.1	93	0.00
25 T	2-Butanone	0.206	0.209	-1.5	94	0.00
26 T	2,2-Dichloropropane	0.610	0.581	4.8	96	0.00
27 T	cis-1,2-Dichloroethene	0.722	0.694	3.9	87	0.00
28 T	Bromochloromethane	0.446	0.403	9.6	88	0.00
29	Tetrahydrofuran	0.089	0.083	6.7	82	-0.02
30 C	Chloroform	1.340	1.357	-1.3#	91	0.00
31 T	Cyclohexane	0.992	0.869	12.4	83	0.00
32 T	1,1,1-Trichloroethane	0.983	0.858	12.7	94	0.00
33 S	1,2-Dichloroethane-d4	0.617	0.580	6.0	84	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	-0.02
35 S	Dibromofluoromethane	0.395	0.382	3.3	87	0.00
36 T	1,1-Dichloropropene	0.580	0.564	2.8	88	0.00
37 T	Ethyl Acetate	0.232	0.220	5.2	87	0.00
38 T	Carbon Tetrachloride	0.507	0.477	5.9	92	0.00
39 T	Methylcyclohexane	0.628	0.548	12.7	88	-0.02
40 TM	Benzene	1.290	1.273	1.3	94	-0.02
41 T	Methacrylonitrile	0.123	0.116	5.7	90	0.00
42 TM	1,2-Dichloroethane	0.460	0.479	-4.1	91	0.00
43 T	Isopropyl Acetate	0.291	0.255	12.4	78	-0.02
44 TM	Trichloroethene	0.396	0.385	2.8	89	0.00
45 C	1,2-Dichloropropane	0.339	0.327	3.5#	85	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.225	0.216	4.0	83	0.00
47 T	Bromodichloromethane	0.557	0.590	-5.9	95	0.00
48 T	Methyl methacrylate	0.195	0.177	9.2	81	-0.02
49 T	1,4-Dioxane	0.001	0.001	0.0	77	0.00
50 S	Toluene-d8	1.081	1.000	7.5	86	0.00
51 T	4-Methyl-2-Pentanone	0.214	0.202	5.6	86	0.00
52 CM	Toluene	0.850	0.792	6.8#	87	0.00
53 T	t-1,3-Dichloropropene	0.442	0.448	-1.4	88	0.00
54 T	cis-1,3-Dichloropropene	0.553	0.566	-2.4	85	0.00
55 T	1,1,2-Trichloroethane	0.241	0.241	0.0	88	0.00
56 T	Ethyl methacrylate	0.281	0.251	10.7	80	0.00
57 T	1,3-Dichloropropane	0.452	0.430	4.9	82	-0.02
58 T	2-Chloroethyl Vinyl ether	0.023	0.033	-43.5#	100	-0.02
59 T	2-Hexanone	0.149	0.153	-2.7	93	0.00
60 T	Dibromochloromethane	0.353	0.353	0.0	86	-0.02
61 T	1,2-Dibromoethane	0.276	0.260	5.8	82	0.00
62 S	4-Bromofluorobenzene	0.505	0.446	11.7	81	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
64 T	Tetrachloroethene	0.376	0.351	6.6	79	-0.02
65 PM	Chlorobenzene	1.017	1.029	-1.2	88	0.00
66 T	1,1,1,2-Tetrachloroethane	0.405	0.417	-3.0	91	0.00
67 C	Ethyl Benzene	1.858	1.827	1.7#	89	-0.02
68 T	m/p-Xylenes	0.668	0.634	5.1	85	0.00
69 T	o-Xylene	0.724	0.705	2.6	87	0.00
70 T	Styrene	0.991	0.893	9.9	85	0.00
71 P	Bromoform	0.182	0.184	-1.1	85	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
73 T	Isopropylbenzene	4.067	4.251	-4.5	88	0.00
74 T	N-amyl acetate	0.962	0.986	-2.5	84	0.00
75 P	1,1,2,2-Tetrachloroethane	0.724	0.724	0.0	87	0.00
76 T	1,2,3-Trichloropropane	0.521	0.515	1.2	84	0.00
77 T	Bromobenzene	0.859	0.865	-0.7	83	0.00
78 T	n-propylbenzene	4.884	4.748	2.8	85	0.00
79 T	2-Chlorotoluene	2.822	2.936	-4.0	91	0.00
80 T	1,3,5-Trimethylbenzene	3.282	3.417	-4.1	89	0.00
81 T	trans-1,4-Dichloro-2-butene	0.226	0.237	-4.9	81	0.00
82 T	4-Chlorotoluene	2.847	2.795	1.8	85	0.00
83 T	tert-Butylbenzene	3.397	3.642	-7.2	91	0.00
84 T	1,2,4-Trimethylbenzene	3.380	3.294	2.5	86	0.00
85 T	sec-Butylbenzene	4.613	4.688	-1.6	85	0.00
86 T	p-Isopropyltoluene	3.787	3.928	-3.7	90	0.00
87 T	1,3-Dichlorobenzene	1.697	1.655	2.5	88	0.00
88 T	1,4-Dichlorobenzene	1.623	1.662	-2.4	87	0.00
89 T	n-Butylbenzene	3.905	4.063	-4.0	90	0.00

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90 T	Hexachloroethane	0.893	1.005	-12.5	95	0.00
91 T	1,2-Dichlorobenzene	1.607	1.594	0.8	84	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.128	0.144	-12.5	92	0.00
93 T	1,2,4-Trichlorobenzene	1.125	1.139	-1.2	86	0.00
94 T	Hexachlorobutadiene	0.698	0.737	-5.6	89	0.00
95 T	Naphthalene	2.138	2.158	-0.9	82	0.00
96 T	1,2,3-Trichlorobenzene	1.042	1.078	-3.5	86	0.00

(#) = Out of Range

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