

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF010219\
 Data File : VF061261.D
 Acq On : 2 Jan 2019 18:30
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00q/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 03 07:54:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F121918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 00:56:59 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	85	0.00
2 T	Dichlorodifluoromethane	1.111	1.015	8.6	77	0.00
3 P	Chloromethane	0.637	0.673	-5.7	91	0.00
4 C	Vinyl Chloride	0.591	0.603	-2.0#	85	0.00
5 T	Bromomethane	0.410	0.427	-4.1	87	-0.01
6 T	Chloroethane	0.272	0.266	2.2	83	0.00
7 T	Trichlorofluoromethane	1.128	1.153	-2.2	83	-0.01
8 T	Diethyl Ether	0.154	0.169	-9.7	92	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.585	0.615	-5.1	93	0.00
10 T	Methyl Iodide	0.922	0.957	-3.8	91	0.00
11 T	Tert butyl alcohol	0.026	0.028	-7.7	87	0.00
12 CM	1,1-Dichloroethene	0.441	0.469	-6.3#	89	0.00
13 T	Acrolein	0.019	0.019	0.0	102	0.00
14 T	Allyl chloride	0.459	0.564	-22.9	111	0.00
15 T	Acrylonitrile	0.060	0.078	-30.0#	104	0.00
16 T	Acetone	0.129	0.114	11.6	71	0.00
17 T	Carbon Disulfide	1.332	1.359	-2.0	87	0.00
18 T	Methyl Acetate	0.266	0.308	-15.8	110	0.00
19 T	Methyl tert-butyl Ether	0.978	1.005	-2.8	88	0.00
20 T	Methylene Chloride	0.477	0.488	-2.3	98	0.00
21 T	trans-1,2-Dichloroethene	0.471	0.466	1.1	91	0.00
22 T	Diisopropyl ether	1.528	1.632	-6.8	92	0.00
23 T	Vinyl Acetate	0.705	0.762	-8.1	91	0.00
24 P	1,1-Dichloroethane	0.905	0.972	-7.4	89	0.00
25 T	2-Butanone	0.208	0.217	-4.3	89	0.00
26 T	2,2-Dichloropropane	0.519	0.538	-3.7	89	0.00
27 T	cis-1,2-Dichloroethene	0.722	0.789	-9.3	97	0.00
28 T	Bromochloromethane	0.459	0.516	-12.4	96	0.00
29	Tetrahydrofuran	0.085	0.098	-15.3	102	0.00
30 C	Chloroform	1.357	1.368	-0.8#	85	0.00
31 T	Cyclohexane	0.939	0.984	-4.8	92	0.00
32 T	1,1,1-Trichloroethane	0.814	0.822	-1.0	89	0.00
33 S	1,2-Dichloroethane-d4	0.643	0.678	-5.4	95	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.00
35 S	Dibromofluoromethane	0.401	0.456	-13.7	103	0.00
36 T	1,1-Dichloropropene	0.604	0.638	-5.6	88	0.00
37 T	Ethyl Acetate	0.248	0.263	-6.0	94	0.00
38 T	Carbon Tetrachloride	0.460	0.484	-5.2	88	0.00
39 T	Methylcyclohexane	0.541	0.621	-14.8	91	0.00
40 TM	Benzene	1.298	1.428	-10.0	93	0.00
41 T	Methacrylonitrile	0.127	0.145	-14.2	96	0.00
42 TM	1,2-Dichloroethane	0.493	0.533	-8.1	89	0.00
43 T	Isopropyl Acetate	0.291	0.308	-5.8	91	0.00
44 TM	Trichloroethene	0.409	0.442	-8.1	90	0.00
45 C	1,2-Dichloropropane	0.353	0.399	-13.0#	95	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.229	0.250	-9.2	90	0.00
47 T	Bromodichloromethane	0.595	0.649	-9.1	87	0.00
48 T	Methyl methacrylate	0.203	0.227	-11.8	92	0.00
49 T	1,4-Dioxane	0.001	0.002	-100.0#	90	0.00
50 S	Toluene-d8	1.135	1.289	-13.6	98	0.00
51 T	4-Methyl-2-Pentanone	0.200	0.222	-11.0	94	0.00
52 CM	Toluene	0.859	0.943	-9.8#	94	0.00
53 T	t-1,3-Dichloropropene	0.480	0.496	-3.3	89	0.00
54 T	cis-1,3-Dichloropropene	0.602	0.636	-5.6	90	0.00
55 T	1,1,2-Trichloroethane	0.258	0.274	-6.2	94	0.00
56 T	Ethyl methacrylate	0.279	0.302	-8.2	90	0.00
57 T	1,3-Dichloropropane	0.466	0.476	-2.1	88	0.00
58 T	2-Chloroethyl Vinyl ether	0.054	0.043	20.4	69	0.00
59 T	2-Hexanone	0.145	0.157	-8.3	90	0.00
60 T	Dibromochloromethane	0.369	0.413	-11.9	91	0.00
61 T	1,2-Dibromoethane	0.275	0.306	-11.3	93	0.00
62 S	4-Bromofluorobenzene	0.523	0.549	-5.0	94	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
64 T	Tetrachloroethene	0.385	0.397	-3.1	91	0.00
65 PM	Chlorobenzene	1.033	1.067	-3.3	92	0.00
66 T	1,1,1,2-Tetrachloroethane	0.422	0.418	0.9	91	0.00
67 C	Ethyl Benzene	1.882	1.804	4.1#	86	0.00
68 T	m/p-Xylenes	0.662	0.650	1.8	88	0.00
69 T	o-Xylene	0.734	0.744	-1.4	91	0.00
70 T	Styrene	1.022	1.027	-0.5	94	0.00
71 P	Bromoform	0.195	0.205	-5.1	94	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
73 T	Isopropylbenzene	4.309	4.500	-4.4	87	0.00
74 T	N-amyl acetate	0.957	1.093	-14.2	98	0.00
75 P	1,1,2,2-Tetrachloroethane	0.715	0.786	-9.9	94	0.00
76 T	1,2,3-Trichloropropane	0.532	0.570	-7.1	91	0.00
77 T	Bromobenzene	0.928	0.968	-4.3	88	0.00
78 T	n-propylbenzene	5.104	5.120	-0.3	85	0.00
79 T	2-Chlorotoluene	2.956	3.082	-4.3	89	0.00
80 T	1,3,5-Trimethylbenzene	3.548	3.633	-2.4	87	0.00
81 T	trans-1,4-Dichloro-2-butene	0.229	0.129	43.7#	47#	0.00
82 T	4-Chlorotoluene	3.058	3.279	-7.2	95	0.00
83 T	tert-Butylbenzene	3.651	3.818	-4.6	89	0.00
84 T	1,2,4-Trimethylbenzene	3.538	3.442	2.7	85	0.00
85 T	sec-Butylbenzene	4.764	5.041	-5.8	91	0.00
86 T	p-Isopropyltoluene	3.955	4.139	-4.7	90	0.00
87 T	1,3-Dichlorobenzene	1.749	1.754	-0.3	90	0.00
88 T	1,4-Dichlorobenzene	1.703	1.750	-2.8	91	0.00
89 T	n-Butylbenzene	4.088	4.239	-3.7	90	0.00

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90 T	Hexachloroethane	0.977	1.026	-5.0	88	0.00
91 T	1,2-Dichlorobenzene	1.658	1.681	-1.4	86	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.131	0.142	-8.4	87	0.00
93 T	1,2,4-Trichlorobenzene	1.176	1.228	-4.4	91	0.00
94 T	Hexachlorobutadiene	0.749	0.827	-10.4	93	0.00
95 T	Naphthalene	2.147	2.371	-10.4	91	0.00
96 T	1,2,3-Trichlorobenzene	1.087	1.202	-10.6	89	0.00

(#) = Out of Range

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