

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF122618\
 Data File : VF061180.D
 Acq On : 26 Dec 2018 11:03
 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: Dec 27 00:03:30 2018
 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	95	-0.03
2 T	Dichlorodifluoromethane	1.111	0.920	17.2	78	0.00
3 P	Chloromethane	0.637	0.617	3.1	93	-0.02
4 C	Vinyl Chloride	0.591	0.553	6.4#	87	0.00
5 T	Bromomethane	0.410	0.379	7.6	86	0.00
6 T	Chloroethane	0.272	0.260	4.4	91	-0.02
7 T	Trichlorofluoromethane	1.128	1.055	6.5	85	-0.02
8 T	Diethyl Ether	0.154	0.145	5.8	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.585	0.538	8.0	91	-0.02
10 T	Methyl Iodide	0.922	0.852	7.6	91	-0.03
11 T	Tert butyl alcohol	0.026	0.023	11.5	82	0.00
12 CM	1,1-Dichloroethene	0.441	0.412	6.6#	87	-0.02
13 T	Acrolein	0.019	0.016	15.8	95	0.00
14 T	Allyl chloride	0.459	0.586	-27.7#	130	0.00
15 T	Acrylonitrile	0.060	0.056	6.7	83	-0.02
16 T	Acetone	0.129	0.132	-2.3	92	-0.02
17 T	Carbon Disulfide	1.332	1.170	12.2	84	-0.03
18 T	Methyl Acetate	0.266	0.284	-6.8	113	-0.02
19 T	Methyl tert-butyl Ether	0.978	0.939	4.0	92	-0.02
20 T	Methylene Chloride	0.477	0.457	4.2	103	-0.04
21 T	trans-1,2-Dichloroethene	0.471	0.431	8.5	94	-0.02
22 T	Diisopropyl ether	1.528	1.439	5.8	91	-0.03
23 T	Vinyl Acetate	0.705	0.678	3.8	91	-0.02
24 P	1,1-Dichloroethane	0.905	0.850	6.1	87	-0.02
25 T	2-Butanone	0.208	0.190	8.7	87	-0.03
26 T	2,2-Dichloropropane	0.519	0.524	-1.0	97	-0.02
27 T	cis-1,2-Dichloroethene	0.722	0.633	12.3	87	-0.02
28 T	Bromochloromethane	0.459	0.488	-6.3	102	-0.03
29	Tetrahydrofuran	0.085	0.079	7.1	92	-0.03
30 C	Chloroform	1.357	1.258	7.3#	87	-0.02
31 T	Cyclohexane	0.939	0.876	6.7	91	-0.02
32 T	1,1,1-Trichloroethane	0.814	0.902	-10.8	110	-0.02
33 S	1,2-Dichloroethane-d4	0.643	0.612	4.8	96	-0.03
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	-0.02
35 S	Dibromofluoromethane	0.401	0.398	0.7	104	-0.03
36 T	1,1-Dichloropropene	0.604	0.515	14.7	82	-0.02
37 T	Ethyl Acetate	0.248	0.208	16.1	86	-0.03
38 T	Carbon Tetrachloride	0.460	0.453	1.5	96	-0.02
39 T	Methylcyclohexane	0.541	0.568	-5.0	97	-0.02
40 TM	Benzene	1.298	1.188	8.5	90	-0.02
41 T	Methacrylonitrile	0.127	0.110	13.4	85	-0.02
42 TM	1,2-Dichloroethane	0.493	0.437	11.4	85	-0.03
43 T	Isopropyl Acetate	0.291	0.263	9.6	91	-0.02
44 TM	Trichloroethene	0.409	0.360	12.0	85	-0.02
45 C	1,2-Dichloropropane	0.353	0.284	19.5#	79	-0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.229	0.204	10.9	86	-0.03
47 T	Bromodichloromethane	0.595	0.531	10.8	83	-0.02
48 T	Methyl methacrylate	0.203	0.190	6.4	90	-0.03
49 T	1,4-Dioxane	0.001	0.001	0.0	81	-0.02
50 S	Toluene-d8	1.135	1.117	1.6	99	-0.03
51 T	4-Methyl-2-Pentanone	0.200	0.188	6.0	93	-0.02
52 CM	Toluene	0.859	0.770	10.4#	90	-0.03
53 T	t-1,3-Dichloropropene	0.480	0.444	7.5	92	-0.02
54 T	cis-1,3-Dichloropropene	0.602	0.560	7.0	92	-0.02
55 T	1,1,2-Trichloroethane	0.258	0.241	6.6	97	-0.03
56 T	Ethyl methacrylate	0.279	0.261	6.5	91	-0.02
57 T	1,3-Dichloropropane	0.466	0.421	9.7	91	-0.02
58 T	2-Chloroethyl Vinyl ether	0.054	0.045	16.7	85	-0.02
59 T	2-Hexanone	0.145	0.143	1.4	96	-0.02
60 T	Dibromochloromethane	0.369	0.351	4.9	90	-0.03
61 T	1,2-Dibromoethane	0.275	0.252	8.4	89	-0.02
62 S	4-Bromofluorobenzene	0.523	0.510	2.5	102	-0.02
63 I	Chlorobenzene-d5	1.000	1.000	0.0	93	-0.02
64 T	Tetrachloroethene	0.385	0.343	10.9	86	-0.02
65 PM	Chlorobenzene	1.033	0.947	8.3	90	-0.02
66 T	1,1,1,2-Tetrachloroethane	0.422	0.382	9.5	91	-0.03
67 C	Ethyl Benzene	1.882	1.783	5.3#	93	-0.02
68 T	m/p-Xylenes	0.662	0.587	11.3	87	-0.02
69 T	o-Xylene	0.734	0.677	7.8	90	-0.02
70 T	Styrene	1.022	0.933	8.7	93	-0.02
71 P	Bromoform	0.195	0.185	5.1	92	-0.02
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
73 T	Isopropylbenzene	4.309	4.067	5.6	89	-0.02
74 T	N-amyl acetate	0.957	0.952	0.5	96	-0.02
75 P	1,1,2,2-Tetrachloroethane	0.715	0.686	4.1	92	-0.02
76 T	1,2,3-Trichloropropane	0.532	0.483	9.2	87	-0.02
77 T	Bromobenzene	0.928	0.856	7.8	88	0.00
78 T	n-propylbenzene	5.104	4.626	9.4	87	0.00
79 T	2-Chlorotoluene	2.956	2.695	8.8	87	-0.02
80 T	1,3,5-Trimethylbenzene	3.548	3.206	9.6	87	-0.02
81 T	trans-1,4-Dichloro-2-butene	0.229	0.217	5.2	89	-0.02
82 T	4-Chlorotoluene	3.058	2.819	7.8	92	0.00
83 T	tert-Butylbenzene	3.651	3.257	10.8	86	-0.02
84 T	1,2,4-Trimethylbenzene	3.538	3.167	10.5	89	0.00
85 T	sec-Butylbenzene	4.764	4.382	8.0	89	0.00
86 T	p-Isopropyltoluene	3.955	3.724	5.8	91	0.00
87 T	1,3-Dichlorobenzene	1.749	1.577	9.8	91	-0.02
88 T	1,4-Dichlorobenzene	1.703	1.525	10.5	90	-0.02
89 T	n-Butylbenzene	4.088	3.763	8.0	90	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.977	0.901	7.8	87	0.00
91 T	1,2-Dichlorobenzene	1.658	1.489	10.2	86	-0.02
92 T	1,2-Dibromo-3-Chloropropane	0.131	0.125	4.6	87	-0.02
93 T	1,2,4-Trichlorobenzene	1.176	1.105	6.0	92	0.00
94 T	Hexachlorobutadiene	0.749	0.739	1.3	94	0.00
95 T	Naphthalene	2.147	2.135	0.6	92	0.00
96 T	1,2,3-Trichlorobenzene	1.087	1.024	5.8	85	0.00

(#) = Out of Range

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