

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF032319\
 Data File : VF062125.D
 Acq On : 23 Mar 2019 19:28
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00q/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 25 04:25:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 01:16:37 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	86	-0.04
2 T	Dichlorodifluoromethane	0.641	0.671	-4.7	92	-0.01
3 P	Chloromethane	0.670	0.710	-6.0	92	0.00
4 C	Vinyl Chloride	0.620	0.685	-10.5#	94	-0.01
5 T	Bromomethane	0.446	0.458	-2.7	90	-0.01
6 T	Chloroethane	0.312	0.324	-3.8	89	-0.01
7 T	Trichlorofluoromethane	0.749	0.833	-11.2	93	-0.02
8 T	Diethyl Ether	0.171	0.191	-11.7	95	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.511	0.555	-8.6	92	-0.01
10 T	Methyl Iodide	0.971	1.079	-11.1	95	-0.01
11 T	Tert butyl alcohol	0.020	0.022	-10.0	88	-0.02
12 CM	1,1-Dichloroethene	0.482	0.527	-9.3#	94	-0.02
13 T	Acrolein	0.025	0.029	-16.0	96	-0.02
14 T	Allyl chloride	0.515	0.558	-8.3	92	-0.02
15 T	Acrylonitrile	0.072	0.075	-4.2	91	-0.02
16 T	Acetone	0.078	0.078	0.0	72	-0.02
17 T	Carbon Disulfide	1.470	1.591	-8.2	90	-0.03
18 T	Methyl Acetate	0.187	0.178	4.8	90	-0.02
19 T	Methyl tert-butyl Ether	0.762	0.862	-13.1	97	-0.02
20 T	Methylene Chloride	0.534	0.522	2.2	95	-0.02
21 T	trans-1,2-Dichloroethene	0.464	0.541	-16.6	98	-0.03
22 T	Diisopropyl ether	1.349	1.491	-10.5	98	-0.03
23 T	Vinyl Acetate	0.552	0.645	-16.8	99	-0.03
24 P	1,1-Dichloroethane	0.809	0.882	-9.0	96	-0.02
25 T	2-Butanone	0.163	0.176	-8.0	87	-0.03
26 T	2,2-Dichloropropane	0.328	0.338	-3.0	86	-0.03
27 T	cis-1,2-Dichloroethene	0.614	0.676	-10.1	98	-0.03
28 T	Bromochloromethane	0.331	0.394	-19.0	97	-0.04
29	Tetrahydrofuran	0.071	0.078	-9.9	97	-0.04
30 C	Chloroform	0.855	0.962	-12.5#	99	-0.04
31 T	Cyclohexane	0.845	0.955	-13.0	98	-0.03
32 T	1,1,1-Trichloroethane	0.520	0.557	-7.1	94	-0.03
33 S	1,2-Dichloroethane-d4	0.372	0.378	-1.6	81	-0.04
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	-0.03
35 S	Dibromofluoromethane	0.338	0.354	-4.7	87	-0.04
36 T	1,1-Dichloropropene	0.476	0.532	-11.8	99	-0.04
37 T	Ethyl Acetate	0.208	0.215	-3.4	94	-0.04
38 T	Carbon Tetrachloride	0.325	0.344	-5.8	92	-0.03
39 T	Methylcyclohexane	0.553	0.636	-15.0	96	-0.04
40 TM	Benzene	1.277	1.404	-9.9	97	-0.04
41 T	Methacrylonitrile	0.110	0.119	-8.2	94	-0.04
42 TM	1,2-Dichloroethane	0.302	0.327	-8.3	94	-0.04
43 T	Isopropyl Acetate	0.252	0.261	-3.6	92	-0.03
44 TM	Trichloroethene	0.390	0.420	-7.7	94	-0.04
45 C	1,2-Dichloropropane	0.305	0.335	-9.8#	97	-0.04

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.186	0.207	-11.3	98	-0.04
47 T	Bromodichloromethane	0.412	0.463	-12.4	100	-0.03
48 T	Methyl methacrylate	0.144	0.158	-9.7	97	-0.04
49 T	1,4-Dioxane	0.001	0.001	0.0	91	-0.04
50 S	Toluene-d8	1.010	1.020	-1.0	80	-0.04
51 T	4-Methyl-2-Pentanone	0.169	0.181	-7.1	96	-0.04
52 CM	Toluene	0.739	0.857	-16.0#	103	-0.04
53 T	t-1,3-Dichloropropene	0.324	0.360	-11.1	99	-0.03
54 T	cis-1,3-Dichloropropene	0.463	0.518	-11.9	98	-0.04
55 T	1,1,2-Trichloroethane	0.210	0.235	-11.9	95	-0.04
56 T	Ethyl methacrylate	0.251	0.286	-13.9	97	-0.04
57 T	1,3-Dichloropropane	0.349	0.383	-9.7	93	-0.03
58 T	2-Chloroethyl Vinyl ether	0.038	0.051	-34.2#	110	-0.03
59 T	2-Hexanone	0.124	0.133	-7.3	87	-0.03
60 T	Dibromochloromethane	0.292	0.335	-14.7	97	-0.03
61 T	1,2-Dibromoethane	0.224	0.251	-12.1	93	-0.04
62 S	4-Bromofluorobenzene	0.390	0.397	-1.8	85	-0.03
63 I	Chlorobenzene-d5	1.000	1.000	0.0	91	-0.04
64 T	Tetrachloroethene	0.386	0.420	-8.8	99	-0.03
65 PM	Chlorobenzene	0.936	1.019	-8.9	98	-0.04
66 T	1,1,1,2-Tetrachloroethane	0.376	0.415	-10.4	99	-0.04
67 C	Ethyl Benzene	1.627	1.792	-10.1#	101	-0.03
68 T	m/p-Xylenes	0.608	0.651	-7.1	98	-0.04
69 T	o-Xylene	0.637	0.700	-9.9	94	-0.03
70 T	Styrene	0.965	0.960	0.5	94	-0.03
71 P	Bromoform	0.192	0.197	-2.6	93	-0.03
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	-0.02
73 T	Isopropylbenzene	3.518	4.006	-13.9	100	-0.03
74 T	N-amyl acetate	0.838	0.998	-19.1	101	-0.03
75 P	1,1,2,2-Tetrachloroethane	0.604	0.666	-10.3	94	-0.03
76 T	1,2,3-Trichloropropane	0.425	0.451	-6.1	96	-0.03
77 T	Bromobenzene	0.860	0.895	-4.1	95	-0.03
78 T	n-propylbenzene	4.085	4.475	-9.5	98	-0.02
79 T	2-Chlorotoluene	2.271	2.552	-12.4	98	-0.03
80 T	1,3,5-Trimethylbenzene	2.894	3.311	-14.4	99	-0.03
81 T	trans-1,4-Dichloro-2-butene	0.173	0.184	-6.4	88	-0.02
82 T	4-Chlorotoluene	2.328	2.490	-7.0	97	-0.02
83 T	tert-Butylbenzene	3.029	3.508	-15.8	100	-0.03
84 T	1,2,4-Trimethylbenzene	2.837	3.152	-11.1	98	-0.02
85 T	sec-Butylbenzene	3.919	4.279	-9.2	96	-0.02
86 T	p-Isopropyltoluene	3.395	3.844	-13.2	103	-0.02
87 T	1,3-Dichlorobenzene	1.597	1.731	-8.4	99	-0.03
88 T	1,4-Dichlorobenzene	1.558	1.715	-10.1	96	-0.03
89 T	n-Butylbenzene	3.239	3.527	-8.9	95	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.808	0.919	-13.7	97	-0.02
91 T	1,2-Dichlorobenzene	1.500	1.648	-9.9	97	-0.02
92 T	1,2-Dibromo-3-Chloropropane	0.092	0.108	-17.4	99	-0.03
93 T	1,2,4-Trichlorobenzene	1.045	1.185	-13.4	104	-0.02
94 T	Hexachlorobutadiene	0.695	0.788	-13.4	99	-0.02
95 T	Naphthalene	1.831	2.091	-14.2	95	-0.02
96 T	1,2,3-Trichlorobenzene	0.978	1.117	-14.2	100	-0.02

(#) = Out of Range

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