

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF121718\
 Data File : VF061035.D
 Acq On : 17 Dec 2018 11:59
 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 18 03:15:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 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	87	-0.02
2 T	Dichlorodifluoromethane	0.748	0.634	15.2	75	-0.01
3 P	Chloromethane	0.486	0.435	10.5	87	0.00
4 C	Vinyl Chloride	0.454	0.442	2.6#	87	-0.01
5 T	Bromomethane	0.320	0.315	1.6	83	0.00
6 T	Chloroethane	0.196	0.215	-9.7	91	-0.01
7 T	Trichlorofluoromethane	0.974	1.018	-4.5	89	0.00
8 T	Diethyl Ether	0.140	0.133	5.0	83	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.492	0.527	-7.1	93	0.00
10 T	Methyl Iodide	0.748	0.790	-5.6	92	-0.01
11 T	Tert butyl alcohol	0.024	0.026	-8.3	91	0.00
12 CM	1,1-Dichloroethene	0.396	0.375	5.3#	83	-0.01
13 T	Acrolein	0.023	0.022	4.3	78	-0.01
14 T	Allyl chloride	0.493	0.544	-10.3	85	-0.01
15 T	Acrylonitrile	0.054	0.059	-9.3	95	-0.01
16 T	Acetone	0.109	0.156	-43.1#	122	-0.01
17 T	Carbon Disulfide	1.062	0.891	16.1	76	-0.02
18 T	Methyl Acetate	0.199	0.217	-9.0	106	-0.01
19 T	Methyl tert-butyl Ether	0.892	0.972	-9.0	94	-0.01
20 T	Methylene Chloride	0.398	0.425	-6.8	98	-0.01
21 T	trans-1,2-Dichloroethene	0.382	0.404	-5.8	91	-0.02
22 T	Diisopropyl ether	1.343	1.469	-9.4	94	-0.01
23 T	Vinyl Acetate	0.614	0.695	-13.2	96	-0.01
24 P	1,1-Dichloroethane	0.799	0.904	-13.1	93	-0.01
25 T	2-Butanone	0.188	0.214	-13.8	97	-0.02
26 T	2,2-Dichloropropane	0.518	0.561	-8.3	91	-0.03
27 T	cis-1,2-Dichloroethene	0.621	0.650	-4.7	91	-0.02
28 T	Bromochloromethane	0.384	0.391	-1.8	94	-0.02
29	Tetrahydrofuran	0.080	0.081	-1.3	91	-0.02
30 C	Chloroform	1.230	1.316	-7.0#	94	-0.02
31 T	Cyclohexane	0.829	0.765	7.7	84	-0.02
32 T	1,1,1-Trichloroethane	0.853	0.936	-9.7	89	-0.02
33 S	1,2-Dichloroethane-d4	0.589	0.663	-12.6	94	-0.02
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	-0.02
35 S	Dibromofluoromethane	0.397	0.447	-12.6	96	-0.02
36 T	1,1-Dichloropropene	0.555	0.559	-0.7	86	-0.02
37 T	Ethyl Acetate	0.225	0.240	-6.7	93	-0.02
38 T	Carbon Tetrachloride	0.490	0.517	-5.5	83	-0.01
39 T	Methylcyclohexane	0.581	0.544	6.4	80	-0.02
40 TM	Benzene	1.225	1.250	-2.0	89	-0.02
41 T	Methacrylonitrile	0.133	0.136	-2.3	99	-0.02
42 TM	1,2-Dichloroethane	0.447	0.489	-9.4	89	-0.02
43 T	Isopropyl Acetate	0.307	0.302	1.6	88	-0.02
44 TM	Trichloroethene	0.401	0.413	-3.0	90	-0.02
45 C	1,2-Dichloropropane	0.318	0.345	-8.5#	88	-0.01

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF121718\
 Data File : VF061035.D
 Acq On : 17 Dec 2018 11:59
 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 18 03:15:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 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)
46 T	Dibromomethane	0.216	0.226	-4.6	87	-0.02
47 T	Bromodichloromethane	0.573	0.623	-8.7	90	-0.02
48 T	Methyl methacrylate	0.204	0.214	-4.9	89	-0.02
49 T	1,4-Dioxane	0.001	0.002	-100.0#	86	-0.02
50 S	Toluene-d8	1.168	1.270	-8.7	93	-0.02
51 T	4-Methyl-2-Pentanone	0.208	0.222	-6.7	95	-0.02
52 CM	Toluene	0.861	0.804	6.6#	87	-0.02
53 T	t-1,3-Dichloropropene	0.466	0.510	-9.4	94	-0.02
54 T	cis-1,3-Dichloropropene	0.577	0.602	-4.3	86	-0.02
55 T	1,1,2-Trichloroethane	0.251	0.275	-9.6	95	-0.02
56 T	Ethyl methacrylate	0.279	0.297	-6.5	85	-0.01
57 T	1,3-Dichloropropane	0.439	0.478	-8.9	90	-0.02
58 T	2-Chloroethyl Vinyl ether	0.028	0.053	-89.3#	166#	-0.02
59 T	2-Hexanone	0.146	0.184	-26.0#	112	-0.02
60 T	Dibromochloromethane	0.374	0.390	-4.3	87	-0.01
61 T	1,2-Dibromoethane	0.271	0.287	-5.9	90	-0.02
62 S	4-Bromofluorobenzene	0.531	0.579	-9.0	94	-0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	82	-0.02
64 T	Tetrachloroethene	0.382	0.386	-1.0	87	-0.01
65 PM	Chlorobenzene	0.973	1.056	-8.5	85	-0.02
66 T	1,1,1,2-Tetrachloroethane	0.418	0.445	-6.5	87	-0.02
67 C	Ethyl Benzene	1.811	1.937	-7.0#	87	-0.01
68 T	m/p-Xylenes	0.651	0.619	4.9	81	-0.02
69 T	o-Xylene	0.718	0.734	-2.2	85	-0.02
70 T	Styrene	0.996	1.031	-3.5	85	-0.01
71 P	Bromoform	0.202	0.220	-8.9	88	-0.02
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	-0.01
73 T	Isopropylbenzene	3.951	4.297	-8.8	89	-0.01
74 T	N-amyl acetate	0.912	1.027	-12.6	93	-0.01
75 P	1,1,2,2-Tetrachloroethane	0.650	0.689	-6.0	86	-0.02
76 T	1,2,3-Trichloropropane	0.473	0.523	-10.6	91	-0.01
77 T	Bromobenzene	0.866	0.896	-3.5	81	-0.02
78 T	n-propylbenzene	4.627	4.731	-2.2	84	-0.01
79 T	2-Chlorotoluene	2.653	2.745	-3.5	86	-0.01
80 T	1,3,5-Trimethylbenzene	3.208	3.351	-4.5	86	-0.02
81 T	trans-1,4-Dichloro-2-butene	0.232	0.247	-6.5	89	-0.01
82 T	4-Chlorotoluene	2.792	2.928	-4.9	89	-0.01
83 T	tert-Butylbenzene	3.267	3.534	-8.2	91	-0.02
84 T	1,2,4-Trimethylbenzene	3.201	3.393	-6.0	85	-0.01
85 T	sec-Butylbenzene	4.473	4.705	-5.2	88	-0.01
86 T	p-Isopropyltoluene	3.750	3.942	-5.1	90	-0.01
87 T	1,3-Dichlorobenzene	1.648	1.675	-1.6	85	-0.02
88 T	1,4-Dichlorobenzene	1.606	1.687	-5.0	88	-0.01
89 T	n-Butylbenzene	3.792	4.139	-9.2	90	-0.01

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF121718\
Data File : VF061035.D
Acq On : 17 Dec 2018 11:59
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 18 03:15:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.903	0.995	-10.2	88	-0.01
91 T	1,2-Dichlorobenzene	1.560	1.657	-6.2	86	-0.01
92 T	1,2-Dibromo-3-Chloropropane	0.126	0.139	-10.3	90	-0.01
93 T	1,2,4-Trichlorobenzene	1.090	1.193	-9.4	90	-0.01
94 T	Hexachlorobutadiene	0.727	0.820	-12.8	94	-0.01
95 T	Naphthalene	2.404	2.299	4.4	88	-0.01
96 T	1,2,3-Trichlorobenzene	1.012	1.105	-9.2	90	-0.01

(#) = Out of Range

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