

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF072418\
 Data File : VF059641.D
 Acq On : 24 Jul 2018 19:49
 Operator : VA/AP
 Sample : VSTDICV050
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VICVVF072418

Quant Time: Jul 25 02:36:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 02:29:31 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	111	0.00
2 T	Dichlorodifluoromethane	0.585	0.533	8.9	111	0.00
3 P	Chloromethane	0.316	0.296	6.3	119	0.00
4 C	Vinyl Chloride	0.323	0.332	-2.8#	130	0.00
5 T	Bromomethane	0.258	0.232	10.1	116	0.00
6 T	Chloroethane	0.194	0.192	1.0	122	0.00
7 T	Trichlorofluoromethane	0.877	0.825	5.9	112	0.00
8 T	Diethyl Ether	0.122	0.115	5.7	120	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.469	0.454	3.2	120	0.00
10 T	Methyl Iodide	0.722	0.690	4.4	121	-0.03
11 T	Tert butyl alcohol	0.026	0.027	-3.8	127	0.00
12 CM	1,1-Dichloroethene	0.359	0.347	3.3#	127	0.00
13 T	Acrolein	0.013	0.014	-7.7	114	0.00
14 T	Allyl chloride	0.593	0.566	4.6	115	0.00
15 T	Acrylonitrile	0.045	0.042	6.7	124	0.00
16 T	Acetone	0.105	0.087	17.1	100	0.00
17 T	Carbon Disulfide	0.919	0.854	7.1	123	0.00
18 T	Methyl Acetate	0.188	0.179	4.8	116	0.00
19 T	Methyl tert-butyl Ether	0.902	0.848	6.0	112	0.00
20 T	Methylene Chloride	0.346	0.305	11.8	122	0.00
21 T	trans-1,2-Dichloroethene	0.359	0.355	1.1	122	0.00
22 T	Diisopropyl ether	1.137	1.135	0.2	120	0.00
23 T	Vinyl Acetate	0.525	0.525	0.0	115	0.00
24 P	1,1-Dichloroethane	0.809	0.772	4.6	116	0.00
25 T	2-Butanone	0.128	0.121	5.5	120	0.00
26 T	2,2-Dichloropropane	0.660	0.602	8.8	111	0.00
27 T	cis-1,2-Dichloroethene	0.440	0.424	3.6	117	0.00
28 T	Bromochloromethane	0.290	0.261	10.0	105	0.00
29	Tetrahydrofuran	0.052	0.048	7.7	116	0.00
30 C	Chloroform	1.123	1.068	4.9#	110	0.00
31 T	Cyclohexane	0.471	0.480	-1.9	124	0.00
32 T	1,1,1-Trichloroethane	0.957	0.862	9.9	108	0.00
33 S	1,2-Dichloroethane-d4	0.697	0.681	2.3	103	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.00
35 S	Dibromofluoromethane	0.450	0.434	3.6	102	0.00
36 T	1,1-Dichloropropene	0.512	0.487	4.9	114	0.00
37 T	Ethyl Acetate	0.201	0.178	11.4	113	0.00
38 T	Carbon Tetrachloride	0.707	0.649	8.2	109	0.00
39 T	Methylcyclohexane	0.415	0.403	2.9	122	0.00
40 TM	Benzene	0.948	0.910	4.0	118	0.00
41 T	Methacrylonitrile	0.096	0.086	10.4	103	0.00
42 TM	1,2-Dichloroethane	0.562	0.512	8.9	108	0.00
43 T	Isopropyl Acetate	0.225	0.211	6.2	120	0.00
44 TM	Trichloroethene	0.350	0.346	1.1	119	0.00
45 C	1,2-Dichloropropane	0.240	0.226	5.8#	112	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF072418\
 Data File : VF059641.D
 Acq On : 24 Jul 2018 19:49
 Operator : VA/AP
 Sample : VSTDICV050
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VICVVF072418

Quant Time: Jul 25 02:36:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 02:29:31 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	0.203	0.182	10.3	113	0.00
47 T	Bromodichloromethane	0.593	0.543	8.4	108	0.00
48 T	Methyl methacrylate	0.166	0.150	9.6	107	0.00
49 T	1,4-Dioxane	0.001	0.001	0.0	104	0.00
50 S	Toluene-d8	1.097	1.112	-1.4	105	0.00
51 T	4-Methyl-2-Pentanone	0.166	0.158	4.8	112	0.00
52 CM	Toluene	0.689	0.632	8.3#	114	0.00
53 T	t-1,3-Dichloropropene	0.472	0.424	10.2	110	0.00
54 T	cis-1,3-Dichloropropene	0.499	0.473	5.2	116	0.00
55 T	1,1,2-Trichloroethane	0.211	0.205	2.8	121	0.00
56 T	Ethyl methacrylate	0.226	0.206	8.8	111	0.00
57 T	1,3-Dichloropropane	0.362	0.332	8.3	114	0.00
58 T	2-Chloroethyl Vinyl ether	0.029	0.025	13.8	106	0.00
59 T	2-Hexanone	0.126	0.124	1.6	119	0.00
60 T	Dibromochloromethane	0.391	0.362	7.4	109	0.00
61 T	1,2-Dibromoethane	0.258	0.230	10.9	109	0.00
62 S	4-Bromofluorobenzene	0.564	0.546	3.2	100	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
64 T	Tetrachloroethene	0.396	0.408	-3.0	120	0.00
65 PM	Chlorobenzene	0.926	0.892	3.7	113	0.00
66 T	1,1,1,2-Tetrachloroethane	0.429	0.413	3.7	110	0.00
67 C	Ethyl Benzene	1.665	1.694	-1.7#	128	0.01
68 T	m/p-Xylenes	0.595	0.581	2.4	112	0.00
69 T	o-Xylene	0.633	0.643	-1.6	114	0.00
70 T	Styrene	0.914	0.908	0.7	111	0.00
71 P	Bromoform	0.242	0.242	0.0	108	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
73 T	Isopropylbenzene	3.142	3.309	-5.3	116	0.00
74 T	N-amyl acetate	0.674	0.749	-11.1	125	0.00
75 P	1,1,2,2-Tetrachloroethane	0.476	0.469	1.5	102	0.00
76 T	1,2,3-Trichloropropane	0.393	0.392	0.3	106	0.00
77 T	Bromobenzene	0.769	0.768	0.1	114	0.00
78 T	n-propylbenzene	3.741	3.678	1.7	113	0.00
79 T	2-Chlorotoluene	2.251	2.192	2.6	109	0.00
80 T	1,3,5-Trimethylbenzene	2.792	2.743	1.8	107	0.00
81 T	trans-1,4-Dichloro-2-butene	0.242	0.250	-3.3	119	0.00
82 T	4-Chlorotoluene	2.402	2.334	2.8	110	0.00
83 T	tert-Butylbenzene	2.815	2.795	0.7	111	0.00
84 T	1,2,4-Trimethylbenzene	2.865	2.837	1.0	110	0.00
85 T	sec-Butylbenzene	3.753	3.619	3.6	108	0.00
86 T	p-Isopropyltoluene	3.267	3.183	2.6	109	0.00
87 T	1,3-Dichlorobenzene	1.557	1.455	6.6	108	0.00
88 T	1,4-Dichlorobenzene	1.490	1.428	4.2	110	0.00
89 T	n-Butylbenzene	3.227	3.063	5.1	106	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF072418\
Data File : VF059641.D
Acq On : 24 Jul 2018 19:49
Operator : VA/AP
Sample : VSTDICV050
Misc : 5.00µ/5mL/MSVOA F/SOIL
ALS Vial : 90 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VICVVF072418

Quant Time: Jul 25 02:36:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F072418S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 25 02:29:31 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	0.797	0.788	1.1	104	0.00
91 T	1,2-Dichlorobenzene	1.437	1.393	3.1	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.123	0.123	0.0	107	0.00
93 T	1,2,4-Trichlorobenzene	1.153	1.113	3.5	106	0.00
94 T	Hexachlorobutadiene	0.830	0.826	0.5	112	0.00
95 T	Naphthalene	1.780	1.857	-4.3	108	0.00
96 T	1,2,3-Trichlorobenzene	1.015	1.050	-3.4	109	0.00

(#) = Out of Range

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