

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD092418\  
 Data File : VD060076.D  
 Acq On : 24 Sep 2018 11:54  
 Operator : VA/AP  
 Sample : VSTDCCC050  
 Misc : 5.00µ/5ml/MSVOA D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 LabSampleId :  
 VSTDCCC050

Quant Time: Sep 24 15:35:02 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D091318S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 13 16:17:40 2018  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	109	0.00
2 T	Dichlorodifluoromethane	0.528	0.532	-0.8	103	0.01
3 P	Chloromethane	0.466	0.504	-8.2	126	0.01
4 C	Vinyl Chloride	0.375	0.417	-11.2#	123	0.01
5 T	Bromomethane	0.044	0.065	-47.7#	114	0.01
6 T	Chloroethane	0.084	0.114	-35.7#	109	0.01
7 T	Trichlorofluoromethane	0.413	0.469	-13.6	113	0.01
8 T	Diethyl Ether	0.088	0.102	-15.9	118	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.260	0.310	-19.2	123	0.01
10 T	Methyl Iodide	0.276	0.328	-18.8	112	0.01
11 T	Tert butyl alcohol	0.031	0.029	6.5	97	0.00
12 CM	1,1-Dichloroethene	0.206	0.253	-22.8#	128	0.01
13 T	Acrolein	0.019	0.016	15.8	93	0.01
14 T	Allyl chloride	0.434	0.514	-18.4	120	0.00
15 T	Acrylonitrile	0.119	0.125	-5.0	109	0.00
16 T	Acetone	0.075	0.082	-9.3	117	0.00
17 T	Carbon Disulfide	0.709	0.823	-16.1	118	0.01
18 T	Methyl Acetate	0.153	0.177	-15.7	122	0.00
19 T	Methyl tert-butyl Ether	0.951	1.006	-5.8	109	0.00
20 T	Methylene Chloride	0.638	0.592	7.2	106	0.01
21 T	trans-1,2-Dichloroethene	0.540	0.576	-6.7	107	0.00
22 T	Diisopropyl ether	1.979	2.122	-7.2	108	0.00
23 T	Vinyl Acetate	1.121	1.184	-5.6	106	0.00
24 P	1,1-Dichloroethane	0.888	0.983	-10.7	112	0.00
25 T	2-Butanone	0.203	0.190	6.4	102	0.00
26 T	2,2-Dichloropropane	0.690	0.774	-12.2	116	0.00
27 T	cis-1,2-Dichloroethene	0.565	0.625	-10.6	112	0.00
28 T	Bromochloromethane	0.427	0.487	-14.1	126	0.00
29	Tetrahydrofuran	0.109	0.109	0.0	103	0.00
30 C	Chloroform	0.901	0.996	-10.5#	111	0.00
31 T	Cyclohexane	0.866	0.863	0.3	103	0.00
32 T	1,1,1-Trichloroethane	0.747	0.826	-10.6	111	0.00
33 S	1,2-Dichloroethane-d4	0.390	0.414	-6.2	116	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	116	0.00
35 S	Dibromofluoromethane	0.391	0.397	-1.5	117	0.00
36 T	1,1-Dichloropropene	0.497	0.503	-1.2	112	0.00
37 T	Ethyl Acetate	0.342	0.333	2.6	111	0.00
38 T	Carbon Tetrachloride	0.464	0.465	-0.2	108	0.00
39 T	Methylcyclohexane	0.562	0.581	-3.4	112	0.00
40 TM	Benzene	1.266	1.304	-3.0	110	0.00
41 T	Methacrylonitrile	0.179	0.200	-11.7	118	0.00
42 TM	1,2-Dichloroethane	0.380	0.370	2.6	106	0.00
43 T	Isopropyl Acetate	0.457	0.440	3.7	103	0.00
44 TM	Trichloroethene	0.391	0.403	-3.1	111	0.00
45 C	1,2-Dichloropropane	0.338	0.354	-4.7#	112	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD092418\  
 Data File : VD060076.D  
 Acq On : 24 Sep 2018 11:54  
 Operator : VA/AP  
 Sample : VSTDCCC050  
 Misc : 5.00µ/5ml/MSVOA D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 LabSampleId :  
 VSTDCCC050

Quant Time: Sep 24 15:35:02 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D091318S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 13 16:17:40 2018  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.221	0.224	-1.4	108	0.00
47 T	Bromodichloromethane	0.476	0.495	-4.0	113	0.00
48 T	Methyl methacrylate	0.255	0.249	2.4	104	0.00
49 T	1,4-Dioxane	0.003	0.002	33.3#	103	0.00
50 S	Toluene-d8	1.083	1.105	-2.0	120	0.00
51 T	4-Methyl-2-Pentanone	0.311	0.269	13.5	105	0.00
52 CM	Toluene	0.811	0.863	-6.4#	115	0.00
53 T	t-1,3-Dichloropropene	0.444	0.458	-3.2	113	0.00
54 T	cis-1,3-Dichloropropene	0.531	0.550	-3.6	112	0.00
55 T	1,1,2-Trichloroethane	0.282	0.275	2.5	112	0.00
56 T	Ethyl methacrylate	0.312	0.312	0.0	106	0.00
57 T	1,3-Dichloropropane	0.416	0.422	-1.4	110	0.00
58 T	2-Chloroethyl Vinyl ether	0.151	0.158	-4.6	121	0.00
59 T	2-Hexanone	0.225	0.201	10.7	107	0.00
60 T	Dibromochloromethane	0.343	0.349	-1.7	107	0.00
61 T	1,2-Dibromoethane	0.291	0.297	-2.1	112	0.00
62 S	4-Bromofluorobenzene	0.414	0.422	-1.9	117	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.00
64 T	Tetrachloroethene	0.441	0.462	-4.8	108	0.00
65 PM	Chlorobenzene	1.075	1.166	-8.5	110	0.00
66 T	1,1,1,2-Tetrachloroethane	0.363	0.391	-7.7	108	0.00
67 C	Ethyl Benzene	1.730	1.854	-7.2#	109	0.00
68 T	m/p-Xylenes	0.639	0.698	-9.2	108	0.00
69 T	o-Xylene	0.633	0.696	-10.0	111	0.00
70 T	Styrene	1.064	1.157	-8.7	111	0.00
71 P	Bromoform	0.312	0.334	-7.1	106	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	109	0.00
73 T	Isopropylbenzene	3.279	3.426	-4.5	106	0.00
74 T	N-amyl acetate	1.299	1.328	-2.2	105	0.00
75 P	1,1,2,2-Tetrachloroethane	0.744	0.764	-2.7	105	0.00
76 T	1,2,3-Trichloropropane	0.764	0.782	-2.4	105	0.00
77 T	Bromobenzene	0.945	1.008	-6.7	110	0.00
78 T	n-propylbenzene	4.124	4.406	-6.8	109	0.00
79 T	2-Chlorotoluene	2.327	2.387	-2.6	105	0.00
80 T	1,3,5-Trimethylbenzene	2.513	2.690	-7.0	107	0.00
81 T	trans-1,4-Dichloro-2-butene	0.231	0.239	-3.5	107	0.00
82 T	4-Chlorotoluene	2.559	2.695	-5.3	109	0.00
83 T	tert-Butylbenzene	2.912	3.149	-8.1	109	0.00
84 T	1,2,4-Trimethylbenzene	2.682	2.897	-8.0	112	0.00
85 T	sec-Butylbenzene	3.456	3.762	-8.9	112	0.00
86 T	p-Isopropyltoluene	2.796	3.050	-9.1	108	0.00
87 T	1,3-Dichlorobenzene	1.643	1.809	-10.1	112	0.00
88 T	1,4-Dichlorobenzene	1.666	1.746	-4.8	107	0.00
89 T	n-Butylbenzene	2.727	2.950	-8.2	112	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD092418\  
 Data File : VD060076.D  
 Acq On : 24 Sep 2018 11:54  
 Operator : VA/AP  
 Sample : VSTDCCC050  
 Misc : 5.00µ/5ml/MSVOA D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 LabSampleId :  
 VSTDCCC050

Quant Time: Sep 24 15:35:02 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D091318S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 13 16:17:40 2018  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.692	0.761	-10.0	107	0.00
91 T	1,2-Dichlorobenzene	1.363	1.468	-7.7	111	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.113	0.106	6.2	108	0.00
93 T	1,2,4-Trichlorobenzene	1.171	1.246	-6.4	106	0.00
94 T	Hexachlorobutadiene	0.774	0.850	-9.8	110	0.00
95 T	Naphthalene	1.808	1.837	-1.6	104	0.00
96 T	1,2,3-Trichlorobenzene	1.032	1.052	-1.9	103	0.00

(#) = Out of Range

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