

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD091018\
 Data File : VD059985.D
 Acq On : 10 Sep 2018 11:09
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 10 14:25:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	121	-0.01
2 T	Dichlorodifluoromethane	0.447	0.397	11.2	112	0.00
3 P	Chloromethane	0.405	0.393	3.0	127	0.00
4 C	Vinyl Chloride	0.317	0.354	-11.7#	137	0.00
5 T	Bromomethane	0.055	0.058	-5.5	148	0.00
6 T	Chloroethane	0.098	0.112	-14.3	136	0.00
7 T	Trichlorofluoromethane	0.367	0.439	-19.6	145	0.00
8 T	Diethyl Ether	0.082	0.093	-13.4	135	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.225	0.295	-31.1#	165#	0.00
10 T	Methyl Iodide	0.206	0.298	-44.7#	143	0.00
11 T	Tert butyl alcohol	0.032	0.027	15.6	93	-0.01
12 CM	1,1-Dichloroethene	0.175	0.223	-27.4#	158#	0.00
13 T	Acrolein	0.014	0.011	21.4#	86	0.00
14 T	Allyl chloride	0.396	0.464	-17.2	139	0.00
15 T	Acrylonitrile	0.120	0.114	5.0	108	-0.01
16 T	Acetone	0.077	0.092	-19.5	135	0.00
17 T	Carbon Disulfide	0.544	0.576	-5.9	126	0.00
18 T	Methyl Acetate	0.160	0.172	-7.5	126	-0.01
19 T	Methyl tert-butyl Ether	0.991	0.964	2.7	112	0.00
20 T	Methylene Chloride	0.603	0.558	7.5	131	0.00
21 T	trans-1,2-Dichloroethene	0.482	0.510	-5.8	127	-0.01
22 T	Diisopropyl ether	2.020	2.129	-5.4	124	-0.01
23 T	Vinyl Acetate	1.129	1.087	3.7	110	-0.01
24 P	1,1-Dichloroethane	0.873	0.964	-10.4	132	-0.01
25 T	2-Butanone	0.227	0.221	2.6	105	-0.01
26 T	2,2-Dichloropropane	0.730	0.795	-8.9	138	-0.01
27 T	cis-1,2-Dichloroethene	0.528	0.599	-13.4	134	-0.01
28 T	Bromochloromethane	0.418	0.422	-1.0	117	-0.01
29	Tetrahydrofuran	0.108	0.098	9.3	104	-0.01
30 C	Chloroform	0.887	0.987	-11.3#	133	-0.01
31 T	Cyclohexane	0.802	0.780	2.7	123	-0.01
32 T	1,1,1-Trichloroethane	0.753	0.811	-7.7	130	-0.01
33 S	1,2-Dichloroethane-d4	0.421	0.376	10.7	105	-0.02
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	119	-0.01
35 S	Dibromofluoromethane	0.392	0.399	-1.8	118	-0.01
36 T	1,1-Dichloropropene	0.453	0.500	-10.4	130	-0.01
37 T	Ethyl Acetate	0.353	0.321	9.1	107	-0.01
38 T	Carbon Tetrachloride	0.457	0.492	-7.7	130	-0.01
39 T	Methylcyclohexane	0.490	0.520	-6.1	122	-0.01
40 TM	Benzene	1.179	1.280	-8.6	128	-0.01
41 T	Methacrylonitrile	0.178	0.227	-27.5#	140	0.00
42 TM	1,2-Dichloroethane	0.378	0.385	-1.9	116	-0.01
43 T	Isopropyl Acetate	0.459	0.425	7.4	102	-0.01
44 TM	Trichloroethene	0.347	0.397	-14.4	133	-0.01
45 C	1,2-Dichloropropane	0.329	0.357	-8.5#	124	-0.01

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.212	0.215	-1.4	115	-0.01
47 T	Bromodichloromethane	0.480	0.520	-8.3	126	-0.01
48 T	Methyl methacrylate	0.267	0.247	7.5	106	-0.01
49 T	1,4-Dioxane	0.002	0.002	0.0	105	-0.01
50 S	Toluene-d8	1.088	1.110	-2.0	116	-0.01
51 T	4-Methyl-2-Pentanone	0.342	0.327	4.4	102	-0.01
52 CM	Toluene	0.756	0.828	-9.5#	128	-0.01
53 T	t-1,3-Dichloropropene	0.444	0.458	-3.2	118	-0.01
54 T	cis-1,3-Dichloropropene	0.514	0.546	-6.2	124	-0.01
55 T	1,1,2-Trichloroethane	0.276	0.281	-1.8	123	-0.01
56 T	Ethyl methacrylate	0.319	0.307	3.8	108	-0.01
57 T	1,3-Dichloropropane	0.400	0.415	-3.7	117	-0.01
58 T	2-Chloroethyl Vinyl ether	0.153	0.153	0.0	120	-0.01
59 T	2-Hexanone	0.252	0.249	1.2	105	-0.01
60 T	Dibromochloromethane	0.347	0.361	-4.0	118	0.00
61 T	1,2-Dibromoethane	0.279	0.282	-1.1	114	-0.01
62 S	4-Bromofluorobenzene	0.442	0.420	5.0	110	-0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	112	-0.01
64 T	Tetrachloroethene	0.387	0.452	-16.8	130	-0.01
65 PM	Chlorobenzene	0.994	1.163	-17.0	128	-0.01
66 T	1,1,1,2-Tetrachloroethane	0.363	0.414	-14.0	124	0.00
67 C	Ethyl Benzene	1.672	1.959	-17.2#	129	0.00
68 T	m/p-Xylenes	0.609	0.712	-16.9	131	0.00
69 T	o-Xylene	0.595	0.715	-20.2#	133	-0.01
70 T	Styrene	1.031	1.203	-16.7	129	-0.01
71 P	Bromoform	0.314	0.318	-1.3	108	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	117	-0.01
73 T	Isopropylbenzene	3.192	3.545	-11.1	131	0.00
74 T	N-amyl acetate	1.398	1.257	10.1	103	0.00
75 P	1,1,2,2-Tetrachloroethane	0.738	0.716	3.0	114	-0.01
76 T	1,2,3-Trichloropropane	0.777	0.764	1.7	111	0.00
77 T	Bromobenzene	0.885	0.983	-11.1	127	0.00
78 T	n-propylbenzene	4.042	4.580	-13.3	132	0.00
79 T	2-Chlorotoluene	2.286	2.471	-8.1	126	0.00
80 T	1,3,5-Trimethylbenzene	2.538	2.804	-10.5	130	0.00
81 T	trans-1,4-Dichloro-2-butene	0.242	0.225	7.0	105	0.00
82 T	4-Chlorotoluene	2.607	2.820	-8.2	127	-0.01
83 T	tert-Butylbenzene	2.891	3.254	-12.6	129	-0.01
84 T	1,2,4-Trimethylbenzene	2.645	2.734	-3.4	121	0.00
85 T	sec-Butylbenzene	3.399	3.747	-10.2	126	0.00
86 T	p-Isopropyltoluene	2.765	3.115	-12.7	131	-0.01
87 T	1,3-Dichlorobenzene	1.580	1.776	-12.4	131	-0.01
88 T	1,4-Dichlorobenzene	1.576	1.776	-12.7	132	-0.01
89 T	n-Butylbenzene	2.782	3.112	-11.9	135	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.742	0.805	-8.5	125	0.00
91 T	1,2-Dichlorobenzene	1.343	1.476	-9.9	126	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.114	0.102	10.5	101	-0.01
93 T	1,2,4-Trichlorobenzene	1.150	1.257	-9.3	123	-0.01
94 T	Hexachlorobutadiene	0.754	0.879	-16.6	133	0.00
95 T	Naphthalene	1.758	1.791	-1.9	114	-0.01
96 T	1,2,3-Trichlorobenzene	0.984	1.062	-7.9	121	-0.01

(#) = Out of Range

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