

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD102418\
 Data File : VD060175.D
 Acq On : 24 Oct 2018 11:38
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 25 03:47:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 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	106	0.02
2 T	Dichlorodifluoromethane	0.470	0.482	-2.6	103	0.03
3 P	Chloromethane	0.424	0.473	-11.6	122	0.02
4 C	Vinyl Chloride	0.347	0.398	-14.7#	122	0.03
5 T	Bromomethane	0.044	0.061	-38.6#	123	0.03
6 T	Chloroethane	0.095	0.113	-18.9	112	0.03
7 T	Trichlorofluoromethane	0.416	0.453	-8.9	113	0.03
8 T	Diethyl Ether	0.085	0.102	-20.0	121	0.03
9 T	1,1,2-Trichlorotrifluoroeth	0.259	0.304	-17.4	128	0.03
10 T	Methyl Iodide	0.275	0.316	-14.9	110	0.03
11 T	Tert butyl alcohol	0.027	0.028	-3.7	100	0.02
12 CM	1,1-Dichloroethene	0.204	0.238	-16.7#	126	0.04
13 T	Acrolein	0.017	0.016	5.9	107	0.02
14 T	Allyl chloride	0.424	0.492	-16.0	123	0.04
15 T	Acrylonitrile	0.113	0.120	-6.2	111	0.03
16 T	Acetone	0.069	0.082	-18.8	128	0.02
17 T	Carbon Disulfide	0.686	0.748	-9.0	115	0.03
18 T	Methyl Acetate	0.148	0.205	-38.5#	144	0.03
19 T	Methyl tert-butyl Ether	0.897	0.988	-10.1	113	0.03
20 T	Methylene Chloride	0.643	0.567	11.8	108	0.03
21 T	trans-1,2-Dichloroethene	0.527	0.557	-5.7	109	0.04
22 T	Diisopropyl ether	1.892	2.039	-7.8	113	0.02
23 T	Vinyl Acetate	1.063	1.091	-2.6	106	0.03
24 P	1,1-Dichloroethane	0.858	0.950	-10.7	114	0.03
25 T	2-Butanone	0.172	0.188	-9.3	111	0.02
26 T	2,2-Dichloropropane	0.650	0.767	-18.0	125	0.03
27 T	cis-1,2-Dichloroethene	0.558	0.608	-9.0	114	0.02
28 T	Bromochloromethane	0.417	0.433	-3.8	111	0.03
29	Tetrahydrofuran	0.100	0.105	-5.0	109	0.03
30 C	Chloroform	0.868	0.953	-9.8#	115	0.03
31 T	Cyclohexane	0.821	0.825	-0.5	110	0.03
32 T	1,1,1-Trichloroethane	0.711	0.807	-13.5	120	0.03
33 S	1,2-Dichloroethane-d4	0.379	0.394	-4.0	109	0.02
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	111	0.02
35 S	Dibromofluoromethane	0.380	0.394	-3.7	110	0.03
36 T	1,1-Dichloropropene	0.478	0.492	-2.9	114	0.03
37 T	Ethyl Acetate	0.317	0.314	0.9	106	0.02
38 T	Carbon Tetrachloride	0.434	0.469	-8.1	118	0.02
39 T	Methylcyclohexane	0.543	0.562	-3.5	111	0.02
40 TM	Benzene	1.250	1.272	-1.8	111	0.03
41 T	Methacrylonitrile	0.179	0.182	-1.7	100	0.02
42 TM	1,2-Dichloroethane	0.358	0.379	-5.9	114	0.03
43 T	Isopropyl Acetate	0.417	0.427	-2.4	108	0.02
44 TM	Trichloroethene	0.387	0.391	-1.0	108	0.03
45 C	1,2-Dichloropropane	0.327	0.352	-7.6#	114	0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.212	0.222	-4.7	113	0.02
47 T	Bromodichloromethane	0.451	0.499	-10.6	118	0.02
48 T	Methyl methacrylate	0.238	0.255	-7.1	114	0.02
49 T	1,4-Dioxane	0.002	0.002	0.0	110	0.02
50 S	Toluene-d8	1.083	1.132	-4.5	110	0.02
51 T	4-Methyl-2-Pentanone	0.263	0.271	-3.0	110	0.01
52 CM	Toluene	0.805	0.839	-4.2#	111	0.02
53 T	t-1,3-Dichloropropene	0.409	0.446	-9.0	114	0.02
54 T	cis-1,3-Dichloropropene	0.504	0.547	-8.5	115	0.02
55 T	1,1,2-Trichloroethane	0.263	0.275	-4.6	112	0.02
56 T	Ethyl methacrylate	0.291	0.304	-4.5	108	0.01
57 T	1,3-Dichloropropane	0.401	0.410	-2.2	108	0.01
58 T	2-Chloroethyl Vinyl ether	0.161	0.158	1.9	111	0.02
59 T	2-Hexanone	0.189	0.206	-9.0	115	0.02
60 T	Dibromochloromethane	0.323	0.356	-10.2	115	0.01
61 T	1,2-Dibromoethane	0.280	0.294	-5.0	112	0.01
62 S	4-Bromofluorobenzene	0.405	0.430	-6.2	114	0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	108	0.02
64 T	Tetrachloroethene	0.438	0.456	-4.1	112	0.02
65 PM	Chlorobenzene	1.082	1.123	-3.8	110	0.01
66 T	1,1,1,2-Tetrachloroethane	0.361	0.384	-6.4	112	0.01
67 C	Ethyl Benzene	1.753	1.809	-3.2#	112	0.01
68 T	m/p-Xylenes	0.655	0.692	-5.6	115	0.01
69 T	o-Xylene	0.648	0.702	-8.3	115	0.01
70 T	Styrene	1.083	1.159	-7.0	115	0.01
71 P	Bromoform	0.292	0.329	-12.7	113	0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	106	0.01
73 T	Isopropylbenzene	3.299	3.703	-12.2	117	0.01
74 T	N-amyl acetate	1.208	1.333	-10.3	112	0.01
75 P	1,1,2,2-Tetrachloroethane	0.720	0.764	-6.1	108	0.01
76 T	1,2,3-Trichloropropane	0.720	0.799	-11.0	114	0.01
77 T	Bromobenzene	0.959	1.035	-7.9	112	0.01
78 T	n-propylbenzene	4.096	4.619	-12.8	119	0.01
79 T	2-Chlorotoluene	2.273	2.475	-8.9	115	0.01
80 T	1,3,5-Trimethylbenzene	2.553	2.805	-9.9	114	0.01
81 T	trans-1,4-Dichloro-2-butene	0.202	0.236	-16.8	114	0.01
82 T	4-Chlorotoluene	2.571	2.785	-8.3	118	0.01
83 T	tert-Butylbenzene	2.930	3.267	-11.5	115	0.01
84 T	1,2,4-Trimethylbenzene	2.691	2.846	-5.8	111	0.01
85 T	sec-Butylbenzene	3.464	3.883	-12.1	121	0.01
86 T	p-Isopropyltoluene	2.841	3.002	-5.7	110	0.01
87 T	1,3-Dichlorobenzene	1.670	1.742	-4.3	108	0.01
88 T	1,4-Dichlorobenzene	1.677	1.678	-0.1	103	0.01
89 T	n-Butylbenzene	2.772	2.985	-7.7	119	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.658	0.812	-23.4#	120	0.01
91 T	1,2-Dichlorobenzene	1.404	1.468	-4.6	114	0.01
92 T	1,2-Dibromo-3-Chloropropane	0.096	0.109	-13.5	112	0.01
93 T	1,2,4-Trichlorobenzene	1.192	1.250	-4.9	106	0.01
94 T	Hexachlorobutadiene	0.792	0.841	-6.2	108	0.01
95 T	Naphthalene	1.767	1.875	-6.1	107	0.01
96 T	1,2,3-Trichlorobenzene	1.037	1.066	-2.8	107	0.01

(#) = Out of Range

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