

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD062718\
 Data File : VD059438.D
 Acq On : 27 Jun 2018 11:46
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 27 15:04:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 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	112	-0.01
2 T	Dichlorodifluoromethane	0.445	0.412	7.4	111	0.02
3 P	Chloromethane	0.231	0.199	13.9	106	0.00
4 C	Vinyl Chloride	0.240	0.211	12.1#	102	0.00
5 T	Bromomethane	0.093	0.089	4.3	109	0.02
6 T	Chloroethane	0.099	0.107	-8.1	111	0.02
7 T	Trichlorofluoromethane	0.346	0.369	-6.6	117	0.00
8 T	Diethyl Ether	0.078	0.071	9.0	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.215	0.230	-7.0	119	0.00
10 T	Methyl Iodide	0.251	0.239	4.8	98	0.00
11 T	Tert butyl alcohol	0.018	0.017	5.6	98	0.00
12 CM	1,1-Dichloroethene	0.165	0.169	-2.4#	121	0.00
13 T	Acrolein	0.016	0.012	25.0#	89	0.00
14 T	Allyl chloride	0.377	0.368	2.4	115	0.00
15 T	Acrylonitrile	0.054	0.059	-9.3	122	0.00
16 T	Acetone	0.065	0.076	-16.9	138	0.00
17 T	Carbon Disulfide	0.505	0.473	6.3	109	0.00
18 T	Methyl Acetate	0.163	0.124	23.9#	93	0.00
19 T	Methyl tert-butyl Ether	0.811	0.761	6.2	108	0.00
20 T	Methylene Chloride	0.204	0.183	10.3	116	0.00
21 T	trans-1,2-Dichloroethene	0.291	0.340	-16.8	133	0.00
22 T	Diisopropyl ether	1.419	1.305	8.0	107	0.00
23 T	Vinyl Acetate	0.739	0.701	5.1	105	0.00
24 P	1,1-Dichloroethane	0.812	0.773	4.8	114	0.00
25 T	2-Butanone	0.135	0.121	10.4	105	0.00
26 T	2,2-Dichloropropane	0.630	0.706	-12.1	131	0.00
27 T	cis-1,2-Dichloroethene	0.490	0.433	11.6	110	0.00
28 T	Bromochloromethane	0.352	0.334	5.1	105	0.00
29	Tetrahydrofuran	0.074	0.055	25.7#	85	0.00
30 C	Chloroform	0.885	0.858	3.1#	114	0.00
31 T	Cyclohexane	0.623	0.516	17.2	105	-0.01
32 T	1,1,1-Trichloroethane	0.717	0.706	1.5	111	-0.01
33 S	1,2-Dichloroethane-d4	0.511	0.429	16.0	89	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	111	0.00
35 S	Dibromofluoromethane	0.407	0.364	10.6	96	0.00
36 T	1,1-Dichloropropene	0.454	0.431	5.1	111	0.00
37 T	Ethyl Acetate	0.276	0.235	14.9	99	0.00
38 T	Carbon Tetrachloride	0.468	0.464	0.9	114	0.00
39 T	Methylcyclohexane	0.430	0.408	5.1	111	0.00
40 TM	Benzene	1.088	0.992	8.8	105	-0.01
41 T	Methacrylonitrile	0.133	0.111	16.5	91	0.00
42 TM	1,2-Dichloroethane	0.481	0.431	10.4	102	0.00
43 T	Isopropyl Acetate	0.347	0.292	15.9	96	-0.01
44 TM	Trichloroethene	0.356	0.328	7.9	110	-0.01
45 C	1,2-Dichloropropane	0.301	0.281	6.6#	111	-0.01

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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)
46 T	Dibromomethane	0.217	0.196	9.7	103	0.00
47 T	Bromodichloromethane	0.485	0.479	1.2	106	-0.01
48 T	Methyl methacrylate	0.211	0.182	13.7	101	-0.01
49 T	1,4-Dioxane	0.002	0.002	0.0	97	-0.02
50 S	Toluene-d8	0.952	0.818	14.1	91	-0.01
51 T	4-Methyl-2-Pentanone	0.231	0.194	16.0	97	-0.01
52 CM	Toluene	0.650	0.565	13.1#	103	-0.01
53 T	t-1,3-Dichloropropene	0.405	0.400	1.2	110	-0.01
54 T	cis-1,3-Dichloropropene	0.469	0.463	1.3	111	-0.01
55 T	1,1,2-Trichloroethane	0.236	0.212	10.2	103	-0.01
56 T	Ethyl methacrylate	0.269	0.238	11.5	99	-0.01
57 T	1,3-Dichloropropane	0.386	0.354	8.3	103	0.00
58 T	2-Chloroethyl Vinyl ether	0.139	0.122	12.2	101	-0.01
59 T	2-Hexanone	0.164	0.154	6.1	105	-0.01
60 T	Dibromochloromethane	0.331	0.314	5.1	105	-0.01
61 T	1,2-Dibromoethane	0.263	0.236	10.3	104	-0.01
62 S	4-Bromofluorobenzene	0.396	0.367	7.3	100	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
64 T	Tetrachloroethene	0.439	0.398	9.3	105	-0.01
65 PM	Chlorobenzene	0.914	0.891	2.5	113	-0.01
66 T	1,1,1,2-Tetrachloroethane	0.351	0.348	0.9	102	0.00
67 C	Ethyl Benzene	1.543	1.534	0.6#	110	0.00
68 T	m/p-Xylenes	0.512	0.474	7.4	107	0.00
69 T	o-Xylene	0.506	0.498	1.6	108	-0.01
70 T	Styrene	0.867	0.845	2.5	107	-0.01
71 P	Bromoform	0.291	0.286	1.7	101	-0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	109	0.00
73 T	Isopropylbenzene	2.822	2.720	3.6	107	0.00
74 T	N-amyl acetate	1.074	0.937	12.8	95	0.00
75 P	1,1,2,2-Tetrachloroethane	0.662	0.616	6.9	103	-0.01
76 T	1,2,3-Trichloropropane	0.690	0.653	5.4	103	-0.01
77 T	Bromobenzene	0.888	0.872	1.8	109	0.00
78 T	n-propylbenzene	3.574	3.474	2.8	109	-0.01
79 T	2-Chlorotoluene	2.099	2.087	0.6	110	0.00
80 T	1,3,5-Trimethylbenzene	2.246	2.125	5.4	109	-0.01
81 T	trans-1,4-Dichloro-2-butene	0.157	0.169	-7.6	109	0.00
82 T	4-Chlorotoluene	2.380	2.230	6.3	112	0.00
83 T	tert-Butylbenzene	2.389	2.400	-0.5	109	-0.01
84 T	1,2,4-Trimethylbenzene	2.377	2.195	7.7	102	-0.01
85 T	sec-Butylbenzene	2.932	2.946	-0.5	109	0.00
86 T	p-Isopropyltoluene	2.363	2.351	0.5	111	0.00
87 T	1,3-Dichlorobenzene	1.461	1.402	4.0	108	-0.01
88 T	1,4-Dichlorobenzene	1.442	1.389	3.7	109	0.00
89 T	n-Butylbenzene	2.333	2.359	-1.1	118	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.590	0.665	-12.7	116	0.00
91 T	1,2-Dichlorobenzene	1.239	1.115	10.0	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.109	0.100	8.3	95	0.00
93 T	1,2,4-Trichlorobenzene	1.145	1.136	0.8	111	-0.01
94 T	Hexachlorobutadiene	0.862	0.900	-4.4	110	0.00
95 T	Naphthalene	1.596	1.446	9.4	101	-0.01
96 T	1,2,3-Trichlorobenzene	1.030	0.975	5.3	103	0.00

(#) = Out of Range

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