

Data Path : W:\HPCHEM1\MSVOA D\DATA\VD092115\
 Data File : VD046821.D
 Acq On : 21 Sep 2015 21:35
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00µm/5mL/MSVOA D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 22 03:42:06 2015
 Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D091815S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 18 15:47:18 2015
 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	126	-0.02
2 T	Dichlorodifluoromethane	0.533	0.407	23.6#	113	0.00
3 T	Chlorodifluoromethane	0.455	0.379	16.7	121	0.00
4 P	Chloromethane	0.295	0.298	-1.0	133	0.00
5 C	Vinyl Chloride	0.277	0.267	3.6#	124	0.00
6 T	Bromomethane	0.273	0.236	13.6	119	-0.01
7 T	Chloroethane	0.173	0.155	10.4	115	0.00
8 T	Trichlorofluoromethane	0.819	0.642	21.6#	103	-0.01
9 T	Diethyl Ether	0.145	0.154	-6.2	124	-0.01
10 T	1,1,2-Trichlorotrifluoroeth	0.512	0.496	3.1	125	-0.02
11 T	Methyl Iodide	0.538	0.573	-6.5	116	-0.02
12 T	Tert butyl alcohol	0.025	0.013	48.0#	98	-0.02
13 CM	1,1-Dichloroethene	0.401	0.409	-2.0#	127	-0.01
14 T	Acrolein	0.027	0.029	-7.4	123	-0.01
15 T	Allyl chloride	0.813	0.914	-12.4	133	-0.01
16 T	Acrylonitrile	0.061	0.072	-18.0	139	-0.02
17 T	Acetone	0.088	0.076	13.6	107	-0.02
18 T	Carbon Disulfide	1.501	1.474	1.8	126	-0.02
19 T	Methyl Acetate	0.509	0.575	-13.0	137	-0.02
20 T	Methyl tert-butyl Ether	0.628	0.643	-2.4	115	-0.02
21 T	Methylene Chloride	0.477	0.490	-2.7	132	-0.02
22 T	trans-1,2-Dichloroethene	0.452	0.471	-4.2	126	-0.02
23 T	Diisopropyl ether	1.350	1.585	-17.4	132	-0.02
24 T	Vinyl Acetate	0.277	0.340	-22.7#	129	-0.02
25 P	1,1-Dichloroethane	0.832	0.862	-3.6	128	-0.02
26 T	2-Butanone	0.099	0.108	-9.1	128	-0.02
27 T	2,2-Dichloropropane	0.855	0.733	14.3	108	-0.02
28 T	cis-1,2-Dichloroethene	0.470	0.511	-8.7	130	-0.02
29 T	Bromochloromethane	0.328	0.361	-10.1	148	-0.02
30 C	Chloroform	1.009	0.948	6.0#	116	-0.02
31 T	Cyclohexane	0.780	0.798	-2.3	134	-0.02
32 T	1,1,1-Trichloroethane	0.898	0.779	13.3	110	-0.02
33 S	1,2-Dichloroethane-d4	0.520	0.474	8.8	109	-0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	125	-0.02
35 S	Dibromofluoromethane	0.391	0.395	-1.0	118	-0.03
36 T	1,1-Dichloropropene	0.584	0.562	3.8	118	-0.02
37 T	Ethyl Acetate	0.188	0.201	-6.9	130	-0.02
38 T	Carbon Tetrachloride	0.607	0.513	15.5	109	-0.02
39 T	Methylcyclohexane	0.592	0.617	-4.2	123	-0.02
40 TM	Benzene	1.492	1.483	0.6	123	-0.02
41 T	Methacrylonitrile	0.105	0.126	-20.0#	136	-0.02
42 TM	1,2-Dichloroethane	0.463	0.419	9.5	112	-0.02
43 T	Isopropyl Acetate	0.247	0.279	-13.0	130	-0.02
44 TM	Trichloroethene	0.373	0.373	0.0	126	-0.03
45 C	1,2-Dichloropropane	0.370	0.372	-0.5#	124	-0.02

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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	0.210	0.198	5.7	116	-0.02
47 T	Bromodichloromethane	0.551	0.506	8.2	112	-0.02
48 T	Methyl methacrylate	0.378	0.412	-9.0	125	-0.02
49 T	1,4-Dioxane	0.001	0.001	0.0	130	-0.02
50 S	Toluene-d8	1.234	1.258	-1.9	115	-0.02
51 T	4-Methyl-2-Pentanone	0.179	0.199	-11.2	125	-0.02
52 CM	Toluene	0.920	0.882	4.1#	114	-0.03
53 T	t-1,3-Dichloropropene	0.407	0.395	2.9	110	-0.02
54 T	cis-1,3-Dichloropropene	0.524	0.515	1.7	116	-0.02
55 T	1,1,2-Trichloroethane	0.238	0.220	7.6	113	-0.02
56 T	Ethyl methacrylate	0.216	0.227	-5.1	116	-0.02
57 T	1,3-Dichloropropane	0.443	0.407	8.1	110	-0.02
58 T	2-Chloroethyl Vinyl ether	0.107	0.121	-13.1	127	-0.02
59 T	2-Hexanone	0.129	0.129	0.0	112	-0.02
60 T	Dibromochloromethane	0.327	0.298	8.9	108	-0.02
61 T	1,2-Dibromoethane	0.235	0.212	9.8	107	-0.01
62 S	4-Bromofluorobenzene	0.497	0.433	12.9	100	-0.02
63 I	Chlorobenzene-d5	1.000	1.000	0.0	110	-0.02
64 T	Tetrachloroethene	0.404	0.425	-5.2	117	-0.02
65 PM	Chlorobenzene	1.052	1.037	1.4	108	-0.02
66 T	1,1,1,2-Tetrachloroethane	0.386	0.378	2.1	106	-0.02
67 C	Ethyl Benzene	2.114	2.146	-1.5#	106	-0.01
68 T	m/p-Xylenes	0.667	0.688	-3.1	108	-0.02
69 T	o-Xylene	0.600	0.626	-4.3	106	-0.01
70 T	Styrene	1.041	1.052	-1.1	104	-0.02
71 P	Bromoform	0.206	0.194	5.8	99	-0.02
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	-0.01
73 T	Isopropylbenzene	3.525	3.929	-11.5	104	-0.02
74 T	N-amyl acetate	0.770	0.906	-17.7	104	0.00
75 P	1,1,2,2-Tetrachloroethane	0.569	0.580	-1.9	101	-0.02
76 T	1,2,3-Trichloropropane	0.609	0.629	-3.3	101	-0.02
77 T	Bromobenzene	0.886	0.931	-5.1	102	-0.02
78 T	n-propylbenzene	4.977	5.315	-6.8	101	-0.01
79 T	2-Chlorotoluene	2.763	2.899	-4.9	101	-0.01
80 T	1,3,5-Trimethylbenzene	2.809	3.013	-7.3	101	-0.02
81 T	trans-1,4-Dichloro-2-butene	0.149	0.164	-10.1	101	-0.02
82 T	4-Chlorotoluene	3.289	3.370	-2.5	100	-0.01
83 T	tert-Butylbenzene	2.533	2.782	-9.8	101	-0.02
84 T	1,2,4-Trimethylbenzene	2.827	3.002	-6.2	100	-0.01
85 T	sec-Butylbenzene	3.722	3.908	-5.0	99	-0.02
86 T	p-Isopropyltoluene	2.926	3.053	-4.3	97	-0.02
87 T	1,3-Dichlorobenzene	1.654	1.685	-1.9	100	-0.02
88 T	1,4-Dichlorobenzene	1.644	1.637	0.4	99	-0.01
89 T	n-Butylbenzene	3.303	3.438	-4.1	96	-0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.678	0.663	2.2	96	-0.01
91 T	1,2-Dichlorobenzene	1.389	1.395	-0.4	97	-0.01
92 T	1,2-Dibromo-3-Chloropropane	0.073	0.070	4.1	93	-0.02
93 T	1,2,4-Trichlorobenzene	0.800	0.836	-4.5	96	-0.02
94 T	Hexachlorobutadiene	0.659	0.634	3.8	92	-0.02
95 T	Naphthalene	0.941	1.136	-20.7#	104	-0.02
96 T	1,2,3-Trichlorobenzene	0.668	0.695	-4.0	95	-0.02

(#) = Out of Range

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