

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD121118\
 Data File : VD060526.D
 Acq On : 11 Dec 2018 10:23
 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: Dec 12 03:16:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 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	102	-0.01
2 T	Dichlorodifluoromethane	0.579	0.478	17.4	100	0.00
3 P	Chloromethane	0.514	0.468	8.9	103	0.00
4 C	Vinyl Chloride	0.410	0.409	0.2#	107	0.00
5 T	Bromomethane	0.103	0.099	3.9	86	0.00
6 T	Chloroethane	0.127	0.121	4.7	92	0.00
7 T	Trichlorofluoromethane	0.473	0.469	0.8	98	0.00
8 T	Diethyl Ether	0.082	0.079	3.7	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.307	0.298	2.9	101	0.00
10 T	Methyl Iodide	0.359	0.342	4.7	93	0.00
11 T	Tert butyl alcohol	0.014	0.016	-14.3	100	0.00
12 CM	1,1-Dichloroethene	0.250	0.237	5.2#	98	0.00
13 T	Acrolein	0.016	0.019	-18.7	128	0.00
14 T	Allyl chloride	0.474	0.470	0.8	99	0.00
15 T	Acrylonitrile	0.082	0.084	-2.4	100	0.00
16 T	Acetone	0.057	0.067	-17.5	116	0.00
17 T	Carbon Disulfide	0.812	0.786	3.2	100	0.00
18 T	Methyl Acetate	0.135	0.125	7.4	96	-0.01
19 T	Methyl tert-butyl Ether	0.693	0.705	-1.7	98	0.00
20 T	Methylene Chloride	0.620	0.527	15.0	98	0.00
21 T	trans-1,2-Dichloroethene	0.544	0.545	-0.2	99	-0.01
22 T	Diisopropyl ether	1.702	1.782	-4.7	103	0.00
23 T	Vinyl Acetate	0.843	0.885	-5.0	100	0.00
24 P	1,1-Dichloroethane	0.884	0.904	-2.3	101	0.00
25 T	2-Butanone	0.112	0.131	-17.0	110	-0.01
26 T	2,2-Dichloropropane	0.683	0.723	-5.9	107	0.00
27 T	cis-1,2-Dichloroethene	0.553	0.564	-2.0	101	0.00
28 T	Bromochloromethane	0.392	0.416	-6.1	108	-0.01
29	Tetrahydrofuran	0.063	0.065	-3.2	98	0.00
30 C	Chloroform	0.891	0.898	-0.8#	99	-0.01
31 T	Cyclohexane	0.855	0.834	2.5	105	0.00
32 T	1,1,1-Trichloroethane	0.732	0.761	-4.0	101	-0.01
33 S	1,2-Dichloroethane-d4	0.354	0.337	4.8	94	-0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	-0.01
35 S	Dibromofluoromethane	0.367	0.348	5.2	93	-0.01
36 T	1,1-Dichloropropene	0.489	0.503	-2.9	102	0.00
37 T	Ethyl Acetate	0.212	0.224	-5.7	97	0.00
38 T	Carbon Tetrachloride	0.439	0.461	-5.0	103	-0.01
39 T	Methylcyclohexane	0.557	0.594	-6.6	105	0.00
40 TM	Benzene	1.249	1.303	-4.3	102	-0.01
41 T	Methacrylonitrile	0.114	0.123	-7.9	112	0.00
42 TM	1,2-Dichloroethane	0.318	0.329	-3.5	101	-0.01
43 T	Isopropyl Acetate	0.262	0.287	-9.5	103	0.00
44 TM	Trichloroethene	0.373	0.393	-5.4	100	-0.01
45 C	1,2-Dichloropropane	0.309	0.324	-4.9#	101	-0.01

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.178	0.185	-3.9	97	-0.01
47 T	Bromodichloromethane	0.424	0.444	-4.7	100	-0.01
48 T	Methyl methacrylate	0.155	0.166	-7.1	97	-0.01
49 T	1,4-Dioxane	0.001	0.002	-100.0#	102	0.00
50 S	Toluene-d8	1.063	1.027	3.4	93	-0.01
51 T	4-Methyl-2-Pentanone	0.163	0.180	-10.4	103	0.00
52 CM	Toluene	0.781	0.826	-5.8#	103	0.00
53 T	t-1,3-Dichloropropene	0.348	0.371	-6.6	101	-0.01
54 T	cis-1,3-Dichloropropene	0.457	0.494	-8.1	102	0.00
55 T	1,1,2-Trichloroethane	0.217	0.219	-0.9	99	-0.01
56 T	Ethyl methacrylate	0.197	0.216	-9.6	98	0.00
57 T	1,3-Dichloropropane	0.336	0.349	-3.9	100	0.00
58 T	2-Chloroethyl Vinyl ether	0.118	0.123	-4.2	102	-0.01
59 T	2-Hexanone	0.114	0.136	-19.3	107	-0.01
60 T	Dibromochloromethane	0.272	0.295	-8.5	100	0.00
61 T	1,2-Dibromoethane	0.222	0.236	-6.3	99	0.00
62 S	4-Bromofluorobenzene	0.380	0.361	5.0	93	-0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
64 T	Tetrachloroethene	0.443	0.445	-0.5	101	-0.01
65 PM	Chlorobenzene	1.058	1.054	0.4	102	0.00
66 T	1,1,1,2-Tetrachloroethane	0.341	0.346	-1.5	103	0.00
67 C	Ethyl Benzene	1.804	1.783	1.2#	102	0.00
68 T	m/p-Xylenes	0.667	0.676	-1.3	103	0.00
69 T	o-Xylene	0.636	0.632	0.6	99	-0.01
70 T	Styrene	1.021	1.033	-1.2	100	-0.01
71 P	Bromoform	0.227	0.235	-3.5	97	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	-0.01
73 T	Isopropylbenzene	3.538	3.638	-2.8	103	0.00
74 T	N-amyl acetate	0.855	0.907	-6.1	96	-0.01
75 P	1,1,2,2-Tetrachloroethane	0.566	0.575	-1.6	101	0.00
76 T	1,2,3-Trichloropropane	0.567	0.595	-4.9	101	0.00
77 T	Bromobenzene	0.930	0.952	-2.4	100	0.00
78 T	n-propylbenzene	4.473	4.597	-2.8	104	0.00
79 T	2-Chlorotoluene	2.427	2.476	-2.0	102	0.00
80 T	1,3,5-Trimethylbenzene	2.704	2.735	-1.1	102	0.00
81 T	trans-1,4-Dichloro-2-butene	0.158	0.178	-12.7	103	0.00
82 T	4-Chlorotoluene	2.726	2.704	0.8	101	-0.01
83 T	tert-Butylbenzene	3.031	3.146	-3.8	101	-0.01
84 T	1,2,4-Trimethylbenzene	2.799	2.772	1.0	99	0.00
85 T	sec-Butylbenzene	3.778	3.908	-3.4	106	0.00
86 T	p-Isopropyltoluene	2.995	3.006	-0.4	101	-0.01
87 T	1,3-Dichlorobenzene	1.684	1.702	-1.1	99	-0.01
88 T	1,4-Dichlorobenzene	1.652	1.644	0.5	99	-0.01
89 T	n-Butylbenzene	3.078	3.144	-2.1	105	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.751	0.794	-5.7	103	0.00
91 T	1,2-Dichlorobenzene	1.376	1.346	2.2	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.069	0.073	-5.8	103	0.00
93 T	1,2,4-Trichlorobenzene	1.076	1.103	-2.5	100	-0.01
94 T	Hexachlorobutadiene	0.794	0.824	-3.8	102	0.00
95 T	Naphthalene	1.280	1.339	-4.6	96	0.00
96 T	1,2,3-Trichlorobenzene	0.857	0.890	-3.9	103	-0.01

(#) = Out of Range

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