

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD041019\
 Data File : VD061708.D
 Acq On : 10 Apr 2019 12:38
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 11 01:14:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 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	104	0.03
2 T	Dichlorodifluoromethane	0.539	0.529	1.9	102	0.01
3 P	Chloromethane	0.436	0.380	12.8	94	0.02
4 C	Vinyl Chloride	0.407	0.384	5.7#	101	0.01
5 T	Bromomethane	0.094	0.083	11.7	94	0.01
6 T	Chloroethane	0.128	0.135	-5.5	96	0.01
7 T	Trichlorofluoromethane	0.615	0.627	-2.0	111	0.02
8 T	Diethyl Ether	0.173	0.165	4.6	99	0.03
9 T	1,1,2-Trichlorotrifluoroeth	0.605	0.598	1.2	104	0.02
10 T	Methyl Iodide	0.757	0.867	-14.5	99	0.02
11 T	Tert butyl alcohol	0.025	0.025	0.0	98	0.02
12 CM	1,1-Dichloroethene	0.521	0.503	3.5#	99	0.02
13 T	Acrolein	0.031	0.036	-16.1	146	0.02
14 T	Allyl chloride	0.711	0.691	2.8	97	0.02
15 T	Acrylonitrile	0.087	0.073	16.1	83	0.02
16 T	Acetone	0.113	0.119	-5.3	101	0.02
17 T	Carbon Disulfide	1.694	1.484	12.4	87	0.02
18 T	Methyl Acetate	0.213	0.192	9.9	95	0.03
19 T	Methyl tert-butyl Ether	0.903	0.778	13.8	87	0.04
20 T	Methylene Chloride	0.643	0.578	10.1	104	0.03
21 T	trans-1,2-Dichloroethene	0.566	0.484	14.5	84	0.03
22 T	Diisopropyl ether	1.491	1.427	4.3	103	0.03
23 T	Vinyl Acetate	0.822	0.793	3.5	95	0.04
24 P	1,1-Dichloroethane	0.913	0.897	1.8	102	0.04
25 T	2-Butanone	0.131	0.123	6.1	95	0.03
26 T	2,2-Dichloropropane	0.744	0.734	1.3	101	0.03
27 T	cis-1,2-Dichloroethene	0.604	0.564	6.6	94	0.03
28 T	Bromochloromethane	0.337	0.327	3.0	96	0.03
29	Tetrahydrofuran	0.063	0.055	12.7	92	0.03
30 C	Chloroform	0.957	0.945	1.3#	103	0.03
31 T	Cyclohexane	0.714	0.630	11.8	89	0.03
32 T	1,1,1-Trichloroethane	0.839	0.810	3.5	101	0.03
33 S	1,2-Dichloroethane-d4	0.379	0.358	5.5	100	0.02
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.03
35 S	Dibromofluoromethane	0.346	0.351	-1.4	99	0.03
36 T	1,1-Dichloropropene	0.438	0.450	-2.7	96	0.03
37 T	Ethyl Acetate	0.178	0.177	0.6	89	0.03
38 T	Carbon Tetrachloride	0.513	0.558	-8.8	106	0.03
39 T	Methylcyclohexane	0.449	0.454	-1.1	91	0.02
40 TM	Benzene	1.056	1.085	-2.7	94	0.03
41 T	Methacrylonitrile	0.208	0.204	1.9	92	0.03
42 TM	1,2-Dichloroethane	0.332	0.350	-5.4	96	0.03
43 T	Isopropyl Acetate	0.259	0.269	-3.9	96	0.02
44 TM	Trichloroethene	0.405	0.421	-4.0	96	0.03
45 C	1,2-Dichloropropane	0.262	0.266	-1.5#	94	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	0.187	0.195	-4.3	99	0.03
47 T	Bromodichloromethane	0.411	0.428	-4.1	100	0.02
48 T	Methyl methacrylate	0.149	0.152	-2.0	96	0.02
49 T	1,4-Dioxane	0.002	0.002	0.0	103	0.03
50 S	Toluene-d8	0.870	0.778	10.6	96	0.03
51 T	4-Methyl-2-Pentanone	0.153	0.168	-9.8	105	0.02
52 CM	Toluene	0.659	0.631	4.2#	89	0.02
53 T	t-1,3-Dichloropropene	0.360	0.384	-6.7	95	0.02
54 T	cis-1,3-Dichloropropene	0.444	0.474	-6.8	95	0.02
55 T	1,1,2-Trichloroethane	0.222	0.220	0.9	95	0.03
56 T	Ethyl methacrylate	0.235	0.241	-2.6	95	0.02
57 T	1,3-Dichloropropane	0.326	0.348	-6.7	99	0.02
58 T	2-Chloroethyl Vinyl ether	0.111	0.107	3.6	96	0.02
59 T	2-Hexanone	0.119	0.127	-6.7	101	0.02
60 T	Dibromochloromethane	0.351	0.369	-5.1	97	0.02
61 T	1,2-Dibromoethane	0.260	0.282	-8.5	99	0.02
62 S	4-Bromofluorobenzene	0.328	0.311	5.2	95	0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.02
64 T	Tetrachloroethene	0.388	0.381	1.8	101	0.02
65 PM	Chlorobenzene	0.992	0.907	8.6	88	0.02
66 T	1,1,1,2-Tetrachloroethane	0.382	0.378	1.0	98	0.01
67 C	Ethyl Benzene	1.510	1.366	9.5#	95	0.01
68 T	m/p-Xylenes	0.582	0.576	1.0	95	0.01
69 T	o-Xylene	0.562	0.538	4.3	94	0.02
70 T	Styrene	0.960	0.895	6.8	97	0.01
71 P	Bromoform	0.237	0.246	-3.8	104	0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.01
73 T	Isopropylbenzene	3.332	3.337	-0.2	103	0.02
74 T	N-amyl acetate	0.905	0.881	2.7	90	0.01
75 P	1,1,2,2-Tetrachloroethane	0.689	0.710	-3.0	100	0.00
76 T	1,2,3-Trichloropropane	0.680	0.671	1.3	93	0.01
77 T	Bromobenzene	0.967	1.028	-6.3	101	0.02
78 T	n-propylbenzene	3.985	3.816	4.2	100	0.01
79 T	2-Chlorotoluene	2.279	2.143	6.0	88	0.01
80 T	1,3,5-Trimethylbenzene	2.644	2.684	-1.5	101	0.01
81 T	trans-1,4-Dichloro-2-butene	0.206	0.223	-8.3	104	0.01
82 T	4-Chlorotoluene	2.497	2.596	-4.0	104	0.01
83 T	tert-Butylbenzene	3.188	3.147	1.3	92	0.01
84 T	1,2,4-Trimethylbenzene	2.669	2.501	6.3	93	0.01
85 T	sec-Butylbenzene	3.445	3.491	-1.3	98	0.01
86 T	p-Isopropyltoluene	2.988	2.980	0.3	96	0.01
87 T	1,3-Dichlorobenzene	1.664	1.786	-7.3	106	0.01
88 T	1,4-Dichlorobenzene	1.679	1.645	2.0	97	0.01
89 T	n-Butylbenzene	2.597	2.603	-0.2	99	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.811	0.877	-8.1	105	0.01
91 T	1,2-Dichlorobenzene	1.372	1.297	5.5	93	0.01
92 T	1,2-Dibromo-3-Chloropropane	0.083	0.086	-3.6	94	0.01
93 T	1,2,4-Trichlorobenzene	0.699	0.681	2.6	90	0.00
94 T	Hexachlorobutadiene	0.540	0.536	0.7	86	0.01
95 T	Naphthalene	1.106	1.044	5.6	86	0.01
96 T	1,2,3-Trichlorobenzene	0.349	0.324	7.2	79	0.00

(#) = Out of Range

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