

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD060319\
 Data File : VD062580.D
 Acq On : 3 Jun 2019 12:24
 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 04 05:58:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 02:08:29 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	102	0.00
2 T	Dichlorodifluoromethane	0.580	0.559	3.6	102	0.00
3 P	Chloromethane	0.668	0.460	31.1#	82	0.00
4 C	Vinyl Chloride	0.443	0.464	-4.7#	100	0.00
5 T	Bromomethane	0.144	0.240	-66.7#	126	0.00
6 T	Chloroethane	0.208	0.234	-12.5	98	0.00
7 T	Trichlorofluoromethane	0.936	1.008	-7.7	102	0.00
8 T	Diethyl Ether	0.120	0.140	-16.7	110	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.553	0.575	-4.0	100	-0.01
10 T	Methyl Iodide	0.627	0.784	-25.0#	98	0.00
11 T	Tert butyl alcohol	0.025	0.027	-8.0	103	-0.01
12 CM	1,1-Dichloroethene	0.391	0.409	-4.6#	98	0.00
13 T	Acrolein	0.011	0.012	-9.1	110	0.00
14 T	Allyl chloride	0.611	0.676	-10.6	100	0.00
15 T	Acrylonitrile	0.060	0.066	-10.0	104	-0.01
16 T	Acetone	0.115	0.123	-7.0	99	0.00
17 T	Carbon Disulfide	1.271	1.280	-0.7	94	0.00
18 T	Methyl Acetate	0.188	0.169	10.1	100	0.00
19 T	Methyl tert-butyl Ether	0.947	1.041	-9.9	101	-0.01
20 T	Methylene Chloride	0.426	0.434	-1.9	99	-0.01
21 T	trans-1,2-Dichloroethene	0.444	0.496	-11.7	107	-0.01
22 T	Diisopropyl ether	1.248	1.307	-4.7	96	0.00
23 T	Vinyl Acetate	0.757	0.847	-11.9	100	-0.01
24 P	1,1-Dichloroethane	0.805	0.868	-7.8	99	-0.01
25 T	2-Butanone	0.108	0.116	-7.4	95	0.00
26 T	2,2-Dichloropropane	0.893	0.986	-10.4	104	-0.01
27 T	cis-1,2-Dichloroethene	0.456	0.480	-5.3	96	-0.01
28 T	Bromochloromethane	0.278	0.283	-1.8	101	-0.01
29	Tetrahydrofuran	0.049	0.052	-6.1	93	0.00
30 C	Chloroform	0.970	1.109	-14.3#	103	-0.01
31 T	Cyclohexane	0.544	0.594	-9.2	100	-0.01
32 T	1,1,1-Trichloroethane	1.010	1.165	-15.3	106	-0.01
33 S	1,2-Dichloroethane-d4	0.586	0.587	-0.2	92	-0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
35 S	Dibromofluoromethane	0.456	0.459	-0.7	89	-0.01
36 T	1,1-Dichloropropene	0.498	0.532	-6.8	99	-0.01
37 T	Ethyl Acetate	0.210	0.207	1.4	95	-0.01
38 T	Carbon Tetrachloride	0.741	0.881	-18.9	106	-0.01
39 T	Methylcyclohexane	0.421	0.444	-5.5	100	-0.01
40 TM	Benzene	0.977	1.053	-7.8	99	-0.01
41 T	Methacrylonitrile	0.247	0.262	-6.1	97	-0.01
42 TM	1,2-Dichloroethane	0.544	0.626	-15.1	101	-0.01
43 T	Isopropyl Acetate	0.261	0.298	-14.2	98	0.00
44 TM	Trichloroethene	0.390	0.437	-12.1	104	0.00
45 C	1,2-Dichloropropane	0.240	0.258	-7.5#	94	-0.01

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.201	0.225	-11.9	99	-0.01
47 T	Bromodichloromethane	0.554	0.618	-11.6	100	-0.01
48 T	Methyl methacrylate	0.174	0.196	-12.6	98	-0.01
49 T	1,4-Dioxane	0.001	0.002	-100.0#	112	0.00
50 S	Toluene-d8	0.998	0.902	9.6	83	0.00
51 T	4-Methyl-2-Pentanone	0.182	0.197	-8.2	96	0.00
52 CM	Toluene	0.666	0.736	-10.5#	99	-0.01
53 T	t-1,3-Dichloropropene	0.468	0.522	-11.5	97	0.00
54 T	cis-1,3-Dichloropropene	0.487	0.554	-13.8	99	0.00
55 T	1,1,2-Trichloroethane	0.219	0.238	-8.7	99	0.00
56 T	Ethyl methacrylate	0.233	0.260	-11.6	107	0.00
57 T	1,3-Dichloropropane	0.337	0.373	-10.7	100	0.00
58 T	2-Chloroethyl Vinyl ether	0.120	0.126	-5.0	100	-0.01
59 T	2-Hexanone	0.128	0.146	-14.1	99	0.00
60 T	Dibromochloromethane	0.425	0.486	-14.4	101	0.00
61 T	1,2-Dibromoethane	0.263	0.303	-15.2	102	-0.01
62 S	4-Bromofluorobenzene	0.450	0.413	8.2	86	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	104	-0.01
64 T	Tetrachloroethene	0.442	0.444	-0.5	94	0.00
65 PM	Chlorobenzene	0.974	1.079	-10.8	100	0.00
66 T	1,1,1,2-Tetrachloroethane	0.461	0.499	-8.2	95	0.00
67 C	Ethyl Benzene	1.785	1.870	-4.8#	96	0.00
68 T	m/p-Xylenes	0.617	0.697	-13.0	108	0.00
69 T	o-Xylene	0.589	0.609	-3.4	96	0.00
70 T	Styrene	1.000	1.041	-4.1	98	0.00
71 P	Bromoform	0.323	0.356	-10.2	102	-0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73 T	Isopropylbenzene	3.296	3.282	0.4	100	-0.01
74 T	N-amyl acetate	0.840	0.854	-1.7	104	-0.01
75 P	1,1,2,2-Tetrachloroethane	0.523	0.535	-2.3	96	0.00
76 T	1,2,3-Trichloropropane	0.600	0.631	-5.2	102	0.00
77 T	Bromobenzene	0.904	0.955	-5.6	99	0.00
78 T	n-propylbenzene	3.799	4.209	-10.8	113	0.00
79 T	2-Chlorotoluene	2.203	2.395	-8.7	109	0.00
80 T	1,3,5-Trimethylbenzene	2.817	3.017	-7.1	103	0.00
81 T	trans-1,4-Dichloro-2-butene	0.172	0.180	-4.7	101	-0.01
82 T	4-Chlorotoluene	2.637	2.855	-8.3	109	0.00
83 T	tert-Butylbenzene	3.143	3.237	-3.0	104	0.00
84 T	1,2,4-Trimethylbenzene	2.870	2.873	-0.1	106	0.00
85 T	sec-Butylbenzene	3.329	3.319	0.3	100	-0.01
86 T	p-Isopropyltoluene	3.111	3.397	-9.2	108	0.00
87 T	1,3-Dichlorobenzene	1.567	1.709	-9.1	106	-0.01
88 T	1,4-Dichlorobenzene	1.570	1.608	-2.4	97	0.00
89 T	n-Butylbenzene	2.777	3.071	-10.6	105	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.825	0.860	-4.2	102	0.00
91 T	1,2-Dichlorobenzene	1.318	1.437	-9.0	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.108	0.110	-1.9	87	0.00
93 T	1,2,4-Trichlorobenzene	1.054	1.075	-2.0	97	0.00
94 T	Hexachlorobutadiene	0.778	0.865	-11.2	105	0.00
95 T	Naphthalene	1.435	1.481	-3.2	96	0.00
96 T	1,2,3-Trichlorobenzene	0.787	0.818	-3.9	100	0.00

(#) = Out of Range

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