

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD090418\
 Data File : VD059943.D
 Acq On : 4 Sep 2018 14:14
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 05 04:00:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 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	106	-0.03
2 T	Dichlorodifluoromethane	0.447	0.381	14.8	93	-0.01
3 P	Chloromethane	0.405	0.324	20.0#	91	-0.01
4 C	Vinyl Chloride	0.317	0.289	8.8#	97	-0.02
5 T	Bromomethane	0.055	0.044	20.0#	97	-0.01
6 T	Chloroethane	0.098	0.087	11.2	92	-0.02
7 T	Trichlorofluoromethane	0.367	0.345	6.0	99	-0.03
8 T	Diethyl Ether	0.082	0.078	4.9	99	-0.02
9 T	1,1,2-Trichlorotrifluoroeth	0.225	0.230	-2.2	112	-0.03
10 T	Methyl Iodide	0.206	0.216	-4.9	90	-0.03
11 T	Tert butyl alcohol	0.032	0.034	-6.3	103	-0.02
12 CM	1,1-Dichloroethene	0.175	0.172	1.7#	106	-0.03
13 T	Acrolein	0.014	0.013	7.1	86	-0.02
14 T	Allyl chloride	0.396	0.405	-2.3	105	-0.03
15 T	Acrylonitrile	0.120	0.124	-3.3	102	-0.04
16 T	Acetone	0.077	0.089	-15.6	113	-0.02
17 T	Carbon Disulfide	0.544	0.488	10.3	93	-0.03
18 T	Methyl Acetate	0.160	0.183	-14.4	117	-0.03
19 T	Methyl tert-butyl Ether	0.991	0.968	2.3	98	-0.03
20 T	Methylene Chloride	0.603	0.594	1.5	121	-0.03
21 T	trans-1,2-Dichloroethene	0.482	0.474	1.7	102	-0.04
22 T	Diisopropyl ether	2.020	1.984	1.8	100	-0.03
23 T	Vinyl Acetate	1.129	1.147	-1.6	101	-0.03
24 P	1,1-Dichloroethane	0.873	0.864	1.0	103	-0.04
25 T	2-Butanone	0.227	0.245	-7.9	102	-0.03
26 T	2,2-Dichloropropane	0.730	0.686	6.0	103	-0.04
27 T	cis-1,2-Dichloroethene	0.528	0.525	0.6	102	-0.03
28 T	Bromochloromethane	0.418	0.407	2.6	98	-0.03
29	Tetrahydrofuran	0.108	0.113	-4.6	104	-0.03
30 C	Chloroform	0.887	0.883	0.5#	104	-0.03
31 T	Cyclohexane	0.802	0.698	13.0	96	-0.03
32 T	1,1,1-Trichloroethane	0.753	0.740	1.7	103	-0.03
33 S	1,2-Dichloroethane-d4	0.421	0.406	3.6	99	-0.03
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	102	-0.02
35 S	Dibromofluoromethane	0.392	0.398	-1.5	101	-0.03
36 T	1,1-Dichloropropene	0.453	0.461	-1.8	103	-0.03
37 T	Ethyl Acetate	0.353	0.353	0.0	101	-0.03
38 T	Carbon Tetrachloride	0.457	0.453	0.9	103	-0.03
39 T	Methylcyclohexane	0.490	0.483	1.4	98	-0.03
40 TM	Benzene	1.179	1.204	-2.1	104	-0.04
41 T	Methacrylonitrile	0.178	0.193	-8.4	103	-0.03
42 TM	1,2-Dichloroethane	0.378	0.372	1.6	96	-0.03
43 T	Isopropyl Acetate	0.459	0.486	-5.9	101	-0.03
44 TM	Trichloroethene	0.347	0.366	-5.5	106	-0.03
45 C	1,2-Dichloropropane	0.329	0.338	-2.7#	102	-0.03

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.212	0.223	-5.2	103	-0.03
47 T	Bromodichloromethane	0.480	0.490	-2.1	102	-0.03
48 T	Methyl methacrylate	0.267	0.271	-1.5	100	-0.02
49 T	1,4-Dioxane	0.002	0.003	-50.0#	110	-0.03
50 S	Toluene-d8	1.088	1.099	-1.0	99	-0.02
51 T	4-Methyl-2-Pentanone	0.342	0.387	-13.2	104	-0.02
52 CM	Toluene	0.756	0.777	-2.8#	104	-0.03
53 T	t-1,3-Dichloropropene	0.444	0.455	-2.5	101	-0.02
54 T	cis-1,3-Dichloropropene	0.514	0.524	-1.9	103	-0.02
55 T	1,1,2-Trichloroethane	0.276	0.273	1.1	104	-0.02
56 T	Ethyl methacrylate	0.319	0.331	-3.8	101	-0.02
57 T	1,3-Dichloropropane	0.400	0.418	-4.5	102	-0.02
58 T	2-Chloroethyl Vinyl ether	0.153	0.170	-11.1	115	-0.02
59 T	2-Hexanone	0.252	0.284	-12.7	103	-0.02
60 T	Dibromochloromethane	0.347	0.361	-4.0	102	-0.01
61 T	1,2-Dibromoethane	0.279	0.290	-3.9	102	-0.02
62 S	4-Bromofluorobenzene	0.442	0.443	-0.2	100	-0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	101	-0.02
64 T	Tetrachloroethene	0.387	0.397	-2.6	103	-0.02
65 PM	Chlorobenzene	0.994	1.056	-6.2	105	-0.02
66 T	1,1,1,2-Tetrachloroethane	0.363	0.379	-4.4	102	-0.01
67 C	Ethyl Benzene	1.672	1.705	-2.0#	101	-0.01
68 T	m/p-Xylenes	0.609	0.629	-3.3	104	-0.01
69 T	o-Xylene	0.595	0.631	-6.1	106	-0.01
70 T	Styrene	1.031	1.085	-5.2	105	-0.01
71 P	Bromoform	0.314	0.335	-6.7	102	-0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	-0.01
73 T	Isopropylbenzene	3.192	3.184	0.3	107	-0.01
74 T	N-amyl acetate	1.398	1.350	3.4	101	-0.01
75 P	1,1,2,2-Tetrachloroethane	0.738	0.762	-3.3	110	-0.01
76 T	1,2,3-Trichloropropane	0.777	0.793	-2.1	105	-0.01
77 T	Bromobenzene	0.885	0.935	-5.6	110	-0.01
78 T	n-propylbenzene	4.042	4.022	0.5	106	-0.01
79 T	2-Chlorotoluene	2.286	2.241	2.0	104	-0.01
80 T	1,3,5-Trimethylbenzene	2.538	2.468	2.8	104	-0.01
81 T	trans-1,4-Dichloro-2-butene	0.242	0.232	4.1	98	-0.01
82 T	4-Chlorotoluene	2.607	2.510	3.7	103	-0.01
83 T	tert-Butylbenzene	2.891	2.837	1.9	103	-0.01
84 T	1,2,4-Trimethylbenzene	2.645	2.550	3.6	103	0.00
85 T	sec-Butylbenzene	3.399	3.441	-1.2	105	0.00
86 T	p-Isopropyltoluene	2.765	2.739	0.9	105	-0.01
87 T	1,3-Dichlorobenzene	1.580	1.614	-2.2	108	-0.01
88 T	1,4-Dichlorobenzene	1.576	1.645	-4.4	111	-0.01
89 T	n-Butylbenzene	2.782	2.749	1.2	109	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.742	0.704	5.1	100	-0.01
91 T	1,2-Dichlorobenzene	1.343	1.421	-5.8	110	-0.01
92 T	1,2-Dibromo-3-Chloropropane	0.114	0.112	1.8	101	-0.01
93 T	1,2,4-Trichlorobenzene	1.150	1.187	-3.2	106	-0.01
94 T	Hexachlorobutadiene	0.754	0.799	-6.0	110	-0.01
95 T	Naphthalene	1.758	1.868	-6.3	108	-0.01
96 T	1,2,3-Trichlorobenzene	0.984	1.031	-4.8	107	-0.01

(#) = Out of Range

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