

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD083118\
 Data File : VD059928.D
 Acq On : 31 Aug 2018 11:11
 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: Aug 31 14:40:57 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	110	-0.03
2 T	Dichlorodifluoromethane	0.447	0.439	1.8	112	0.00
3 P	Chloromethane	0.405	0.400	1.2	117	0.00
4 C	Vinyl Chloride	0.317	0.345	-8.8#	121	0.00
5 T	Bromomethane	0.055	0.056	-1.8	130	0.00
6 T	Chloroethane	0.098	0.109	-11.2	120	0.00
7 T	Trichlorofluoromethane	0.367	0.420	-14.4	126	-0.02
8 T	Diethyl Ether	0.082	0.089	-8.5	117	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.225	0.256	-13.8	130	-0.02
10 T	Methyl Iodide	0.206	0.258	-25.2#	112	-0.02
11 T	Tert butyl alcohol	0.032	0.031	3.1	98	-0.03
12 CM	1,1-Dichloroethene	0.175	0.199	-13.7#	127	0.00
13 T	Acrolein	0.014	0.011	21.4#	80	0.00
14 T	Allyl chloride	0.396	0.447	-12.9	121	-0.02
15 T	Acrylonitrile	0.120	0.119	0.8	102	-0.03
16 T	Acetone	0.077	0.090	-16.9	119	-0.02
17 T	Carbon Disulfide	0.544	0.583	-7.2	116	-0.02
18 T	Methyl Acetate	0.160	0.172	-7.5	115	-0.03
19 T	Methyl tert-butyl Ether	0.991	0.995	-0.4	104	-0.02
20 T	Methylene Chloride	0.603	0.557	7.6	118	-0.02
21 T	trans-1,2-Dichloroethene	0.482	0.502	-4.1	113	-0.03
22 T	Diisopropyl ether	2.020	2.111	-4.5	111	-0.03
23 T	Vinyl Acetate	1.129	1.151	-1.9	106	-0.03
24 P	1,1-Dichloroethane	0.873	0.935	-7.1	115	-0.03
25 T	2-Butanone	0.227	0.241	-6.2	104	-0.03
26 T	2,2-Dichloropropane	0.730	0.772	-5.8	121	-0.04
27 T	cis-1,2-Dichloroethene	0.528	0.568	-7.6	115	-0.03
28 T	Bromochloromethane	0.418	0.437	-4.5	110	-0.03
29	Tetrahydrofuran	0.108	0.109	-0.9	104	-0.03
30 C	Chloroform	0.887	0.960	-8.2#	118	-0.03
31 T	Cyclohexane	0.802	0.783	2.4	112	-0.03
32 T	1,1,1-Trichloroethane	0.753	0.779	-3.5	113	-0.03
33 S	1,2-Dichloroethane-d4	0.421	0.416	1.2	105	-0.03
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	109	-0.02
35 S	Dibromofluoromethane	0.392	0.400	-2.0	108	-0.03
36 T	1,1-Dichloropropene	0.453	0.478	-5.5	114	-0.03
37 T	Ethyl Acetate	0.353	0.351	0.6	107	-0.03
38 T	Carbon Tetrachloride	0.457	0.478	-4.6	116	-0.03
39 T	Methylcyclohexane	0.490	0.524	-6.9	113	-0.03
40 TM	Benzene	1.179	1.261	-7.0	115	-0.03
41 T	Methacrylonitrile	0.178	0.188	-5.6	106	-0.03
42 TM	1,2-Dichloroethane	0.378	0.385	-1.9	106	-0.03
43 T	Isopropyl Acetate	0.459	0.453	1.3	100	-0.03
44 TM	Trichloroethene	0.347	0.373	-7.5	114	-0.03
45 C	1,2-Dichloropropane	0.329	0.353	-7.3#	112	-0.03

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.212	0.218	-2.8	107	-0.03
47 T	Bromodichloromethane	0.480	0.517	-7.7	114	-0.03
48 T	Methyl methacrylate	0.267	0.264	1.1	104	-0.03
49 T	1,4-Dioxane	0.002	0.002	0.0	104	-0.03
50 S	Toluene-d8	1.088	1.111	-2.1	107	-0.03
51 T	4-Methyl-2-Pentanone	0.342	0.356	-4.1	101	-0.03
52 CM	Toluene	0.756	0.820	-8.5#	116	-0.03
53 T	t-1,3-Dichloropropene	0.444	0.458	-3.2	108	-0.02
54 T	cis-1,3-Dichloropropene	0.514	0.547	-6.4	114	-0.03
55 T	1,1,2-Trichloroethane	0.276	0.275	0.4	111	-0.03
56 T	Ethyl methacrylate	0.319	0.317	0.6	102	-0.03
57 T	1,3-Dichloropropane	0.400	0.420	-5.0	109	-0.02
58 T	2-Chloroethyl Vinyl ether	0.153	0.155	-1.3	111	-0.03
59 T	2-Hexanone	0.252	0.268	-6.3	104	-0.02
60 T	Dibromochloromethane	0.347	0.362	-4.3	108	-0.02
61 T	1,2-Dibromoethane	0.279	0.286	-2.5	106	-0.03
62 S	4-Bromofluorobenzene	0.442	0.432	2.3	104	-0.02
63 I	Chlorobenzene-d5	1.000	1.000	0.0	106	-0.02
64 T	Tetrachloroethene	0.387	0.414	-7.0	113	-0.03
65 PM	Chlorobenzene	0.994	1.092	-9.9	114	-0.02
66 T	1,1,1,2-Tetrachloroethane	0.363	0.386	-6.3	110	-0.02
67 C	Ethyl Benzene	1.672	1.816	-8.6#	114	-0.02
68 T	m/p-Xylenes	0.609	0.664	-9.0	116	-0.02
69 T	o-Xylene	0.595	0.648	-8.9	114	-0.02
70 T	Styrene	1.031	1.100	-6.7	112	-0.02
71 P	Bromoform	0.314	0.318	-1.3	103	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	-0.02
73 T	Isopropylbenzene	3.192	3.428	-7.4	119	0.00
74 T	N-amyl acetate	1.398	1.340	4.1	103	-0.02
75 P	1,1,2,2-Tetrachloroethane	0.738	0.756	-2.4	113	-0.02
76 T	1,2,3-Trichloropropane	0.777	0.779	-0.3	106	-0.02
77 T	Bromobenzene	0.885	0.975	-10.2	119	0.00
78 T	n-propylbenzene	4.042	4.320	-6.9	117	0.00
79 T	2-Chlorotoluene	2.286	2.364	-3.4	113	-0.02
80 T	1,3,5-Trimethylbenzene	2.538	2.597	-2.3	113	-0.02
81 T	trans-1,4-Dichloro-2-butene	0.242	0.236	2.5	103	0.00
82 T	4-Chlorotoluene	2.607	2.609	-0.1	110	-0.02
83 T	tert-Butylbenzene	2.891	3.124	-8.1	116	-0.02
84 T	1,2,4-Trimethylbenzene	2.645	2.690	-1.7	111	0.00
85 T	sec-Butylbenzene	3.399	3.613	-6.3	114	0.00
86 T	p-Isopropyltoluene	2.765	2.957	-6.9	117	-0.02
87 T	1,3-Dichlorobenzene	1.580	1.659	-5.0	115	-0.02
88 T	1,4-Dichlorobenzene	1.576	1.684	-6.9	117	-0.02
89 T	n-Butylbenzene	2.782	2.985	-7.3	122	-0.02

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90 T	Hexachloroethane	0.742	0.772	-4.0	113	0.00
91 T	1,2-Dichlorobenzene	1.343	1.431	-6.6	114	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.114	0.106	7.0	99	-0.02
93 T	1,2,4-Trichlorobenzene	1.150	1.157	-0.6	106	-0.02
94 T	Hexachlorobutadiene	0.754	0.798	-5.8	114	0.00
95 T	Naphthalene	1.758	1.780	-1.3	106	-0.02
96 T	1,2,3-Trichlorobenzene	0.984	0.989	-0.5	106	-0.02

(#) = Out of Range

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