

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD081418\
 Data File : VD059763.D
 Acq On : 14 Aug 2018 13:03
 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: Aug 14 15:32:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081018S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 11 05:42:24 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	162#	0.01
2 T	Dichlorodifluoromethane	0.748	0.691	7.6	143	0.01
3 P	Chloromethane	0.283	0.387	-36.7#	199#	0.01
4 C	Vinyl Chloride	0.358	0.428	-19.6#	180#	0.01
5 T	Bromomethane	0.150	0.140	6.7	134	0.00
6 T	Chloroethane	0.184	0.183	0.5	132	0.01
7 T	Trichlorofluoromethane	0.768	0.670	12.8	134	0.01
8 T	Diethyl Ether	0.124	0.128	-3.2	145	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.394	0.380	3.6	151#	0.01
10 T	Methyl Iodide	0.427	0.427	0.0	137	0.01
11 T	Tert butyl alcohol	0.027	0.025	7.4	139	0.01
12 CM	1,1-Dichloroethene	0.281	0.286	-1.8#	157#	0.01
13 T	Acrolein	0.016	0.027	-68.8#	268#	0.01
14 T	Allyl chloride	0.622	0.664	-6.8	162#	0.02
15 T	Acrylonitrile	0.067	0.092	-37.3#	194#	0.01
16 T	Acetone	0.128	0.149	-16.4	153#	0.01
17 T	Carbon Disulfide	0.944	0.978	-3.6	150	0.01
18 T	Methyl Acetate	0.252	0.238	5.6	146	0.01
19 T	Methyl tert-butyl Ether	1.101	1.217	-10.5	165#	0.01
20 T	Methylene Chloride	0.369	0.310	16.0	144	0.02
21 T	trans-1,2-Dichloroethene	0.357	0.507	-42.0#	217#	0.02
22 T	Diisopropyl ether	1.176	1.596	-35.7#	206#	0.01
23 T	Vinyl Acetate	0.796	0.978	-22.9#	183#	0.01
24 P	1,1-Dichloroethane	0.869	0.961	-10.6	176#	0.01
25 T	2-Butanone	0.137	0.195	-42.3#	198#	0.01
26 T	2,2-Dichloropropane	1.016	1.021	-0.5	159#	0.01
27 T	cis-1,2-Dichloroethene	0.432	0.523	-21.1#	195#	0.01
28 T	Bromochloromethane	0.313	0.390	-24.6#	185#	0.00
29	Tetrahydrofuran	0.051	0.073	-43.1#	202#	0.02
30 C	Chloroform	1.148	1.184	-3.1#	161#	0.00
31 T	Cyclohexane	0.504	0.692	-37.3#	226#	0.01
32 T	1,1,1-Trichloroethane	1.190	1.105	7.1	143	0.01
33 S	1,2-Dichloroethane-d4	0.783	0.670	14.4	130	0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	173#	0.01
35 S	Dibromofluoromethane	0.515	0.474	8.0	151#	0.01
36 T	1,1-Dichloropropene	0.580	0.610	-5.2	172#	0.01
37 T	Ethyl Acetate	0.255	0.309	-21.2#	180#	0.00
38 T	Carbon Tetrachloride	0.913	0.772	15.4	137	0.01
39 T	Methylcyclohexane	0.430	0.550	-27.9#	206#	0.01
40 TM	Benzene	1.011	1.228	-21.5#	199#	0.01
41 T	Methacrylonitrile	0.120	0.149	-24.2#	201#	0.01
42 TM	1,2-Dichloroethane	0.802	0.697	13.1	135	0.01
43 T	Isopropyl Acetate	0.322	0.374	-16.1	176#	0.01
44 TM	Trichloroethene	0.408	0.430	-5.4	167#	0.01
45 C	1,2-Dichloropropane	0.258	0.325	-26.0#	207#	0.01

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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	0.274	0.266	2.9	150#	0.01
47 T	Bromodichloromethane	0.723	0.665	8.0	145	0.01
48 T	Methyl methacrylate	0.235	0.255	-8.5	163#	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	170#	0.01
50 S	Toluene-d8	1.021	1.117	-9.4	182#	0.01
51 T	4-Methyl-2-Pentanone	0.248	0.314	-26.6#	180#	0.01
52 CM	Toluene	0.650	0.758	-16.6#	196#	0.01
53 T	t-1,3-Dichloropropene	0.581	0.576	0.9	158#	0.01
54 T	cis-1,3-Dichloropropene	0.557	0.607	-9.0	182#	0.01
55 T	1,1,2-Trichloroethane	0.256	0.283	-10.5	183#	0.01
56 T	Ethyl methacrylate	0.292	0.335	-14.7	188#	0.00
57 T	1,3-Dichloropropane	0.427	0.442	-3.5	167#	0.00
58 T	2-Chloroethyl Vinyl ether	0.135	0.150	-11.1	178#	0.00
59 T	2-Hexanone	0.185	0.234	-26.5#	175#	0.01
60 T	Dibromochloromethane	0.495	0.453	8.5	144	0.00
61 T	1,2-Dibromoethane	0.321	0.332	-3.4	163#	0.01
62 S	4-Bromofluorobenzene	0.512	0.493	3.7	154#	0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	177#	0.00
64 T	Tetrachloroethene	0.491	0.472	3.9	165#	0.01
65 PM	Chlorobenzene	1.020	1.078	-5.7	183#	0.00
66 T	1,1,1,2-Tetrachloroethane	0.517	0.458	11.4	147	0.01
67 C	Ethyl Benzene	1.912	1.923	-0.6#	174#	0.01
68 T	m/p-Xylenes	0.613	0.641	-4.6	195#	0.00
69 T	o-Xylene	0.596	0.634	-6.4	190#	0.00
70 T	Styrene	0.976	1.069	-9.5	191#	0.00
71 P	Bromoform	0.391	0.373	4.6	147	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	163#	0.00
73 T	Isopropylbenzene	3.397	3.585	-5.5	173#	0.01
74 T	N-amyl acetate	0.974	1.206	-23.8#	184#	0.00
75 P	1,1,2,2-Tetrachloroethane	0.620	0.751	-21.1#	191#	0.00
76 T	1,2,3-Trichloropropane	0.740	0.852	-15.1	169#	0.00
77 T	Bromobenzene	0.992	1.059	-6.8	172#	0.01
78 T	n-propylbenzene	4.127	4.491	-8.8	179#	0.00
79 T	2-Chlorotoluene	2.613	2.552	2.3	162#	0.01
80 T	1,3,5-Trimethylbenzene	2.943	3.000	-1.9	169#	0.00
81 T	trans-1,4-Dichloro-2-butene	0.167	0.217	-29.9#	203#	0.01
82 T	4-Chlorotoluene	3.080	3.085	-0.2	164#	0.00
83 T	tert-Butylbenzene	3.201	3.169	1.0	168#	0.00
84 T	1,2,4-Trimethylbenzene	3.037	3.133	-3.2	165#	0.00
85 T	sec-Butylbenzene	3.403	3.665	-7.7	177#	0.00
86 T	p-Isopropyltoluene	3.066	3.149	-2.7	174#	0.01
87 T	1,3-Dichlorobenzene	1.680	1.801	-7.2	174#	0.00
88 T	1,4-Dichlorobenzene	1.679	1.834	-9.2	182#	0.00
89 T	n-Butylbenzene	3.032	3.217	-6.1	184#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.795	0.806	-1.4	156#	0.00
91 T	1,2-Dichlorobenzene	1.427	1.493	-4.6	183#	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.154	0.143	7.1	134	0.00
93 T	1,2,4-Trichlorobenzene	1.355	1.298	4.2	152#	0.00
94 T	Hexachlorobutadiene	1.135	0.985	13.2	139	0.00
95 T	Naphthalene	1.824	1.920	-5.3	166#	0.00
96 T	1,2,3-Trichlorobenzene	1.158	1.135	2.0	157#	0.00

(#) = Out of Range

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