

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD072518\
 Data File : VD059583.D
 Acq On : 25 Jul 2018 11:52
 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: Jul 26 04:26:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 07:10:33 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	111	0.02
2 T	Dichlorodifluoromethane	0.638	0.527	17.4	106	0.02
3 P	Chloromethane	0.313	0.264	15.7	109	0.03
4 C	Vinyl Chloride	0.325	0.323	0.6#	113	0.02
5 T	Bromomethane	0.062	0.077	-24.2#	113	0.02
6 T	Chloroethane	0.095	0.180	-89.5#	122	0.02
7 T	Trichlorofluoromethane	0.555	0.606	-9.2	118	0.02
8 T	Diethyl Ether	0.098	0.110	-12.2	125	0.03
9 T	1,1,2-Trichlorotrifluoroeth	0.292	0.300	-2.7	115	0.02
10 T	Methyl Iodide	0.352	0.377	-7.1	115	0.03
11 T	Tert butyl alcohol	0.025	0.023	8.0	104	0.02
12 CM	1,1-Dichloroethene	0.212	0.224	-5.7#	111	0.03
13 T	Acrolein	0.013	0.014	-7.7	124	0.02
14 T	Allyl chloride	0.514	0.530	-3.1	114	0.03
15 T	Acrylonitrile	0.054	0.059	-9.3	123	0.02
16 T	Acetone	0.095	0.112	-17.9	131	0.02
17 T	Carbon Disulfide	0.842	0.872	-3.6	113	0.02
18 T	Methyl Acetate	0.190	0.194	-2.1	120	0.02
19 T	Methyl tert-butyl Ether	0.710	1.016	-43.1#	171#	0.02
20 T	Methylene Chloride	0.271	0.265	2.2	119	0.02
21 T	trans-1,2-Dichloroethene	0.228	0.318	-39.5#	154#	0.04
22 T	Diisopropyl ether	1.351	1.241	8.1	109	0.03
23 T	Vinyl Acetate	0.857	0.797	7.0	110	0.03
24 P	1,1-Dichloroethane	0.853	0.820	3.9	107	0.03
25 T	2-Butanone	0.145	0.141	2.8	121	0.03
26 T	2,2-Dichloropropane	0.873	0.937	-7.3	123	0.03
27 T	cis-1,2-Dichloroethene	0.456	0.454	0.4	113	0.02
28 T	Bromochloromethane	0.337	0.342	-1.5	111	0.03
29	Tetrahydrofuran	0.067	0.062	7.5	111	0.03
30 C	Chloroform	1.020	1.002	1.8#	116	0.03
31 T	Cyclohexane	0.656	0.562	14.3	117	0.02
32 T	1,1,1-Trichloroethane	0.988	1.027	-3.9	116	0.02
33 S	1,2-Dichloroethane-d4	0.629	0.633	-0.6	114	0.02
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.02
35 S	Dibromofluoromethane	0.429	0.453	-5.6	110	0.02
36 T	1,1-Dichloropropene	0.502	0.525	-4.6	122	0.02
37 T	Ethyl Acetate	0.258	0.263	-1.9	112	0.03
38 T	Carbon Tetrachloride	0.687	0.736	-7.1	116	0.03
39 T	Methylcyclohexane	0.461	0.453	1.7	107	0.02
40 TM	Benzene	1.029	1.034	-0.5	111	0.03
41 T	Methacrylonitrile	0.129	0.126	2.3	114	0.03
42 TM	1,2-Dichloroethane	0.620	0.636	-2.6	110	0.02
43 T	Isopropyl Acetate	0.358	0.347	3.1	106	0.02
44 TM	Trichloroethene	0.373	0.376	-0.8	107	0.02
45 C	1,2-Dichloropropane	0.288	0.293	-1.7#	113	0.02

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.244	0.252	-3.3	114	0.02
47 T	Bromodichloromethane	0.582	0.606	-4.1	112	0.02
48 T	Methyl methacrylate	0.237	0.252	-6.3	112	0.02
49 T	1,4-Dioxane	0.002	0.002	0.0	111	0.02
50 S	Toluene-d8	0.973	0.971	0.2	108	0.02
51 T	4-Methyl-2-Pentanone	0.239	0.220	7.9	105	0.02
52 CM	Toluene	0.682	0.669	1.9#	109	0.02
53 T	t-1,3-Dichloropropene	0.525	0.547	-4.2	118	0.02
54 T	cis-1,3-Dichloropropene	0.521	0.531	-1.9	114	0.02
55 T	1,1,2-Trichloroethane	0.256	0.241	5.9	104	0.02
56 T	Ethyl methacrylate	0.291	0.321	-10.3	119	0.02
57 T	1,3-Dichloropropane	0.407	0.401	1.5	109	0.02
58 T	2-Chloroethyl Vinyl ether	0.137	0.139	-1.5	105	0.02
59 T	2-Hexanone	0.190	0.180	5.3	112	0.02
60 T	Dibromochloromethane	0.426	0.434	-1.9	112	0.00
61 T	1,2-Dibromoethane	0.304	0.306	-0.7	112	0.00
62 S	4-Bromofluorobenzene	0.438	0.453	-3.4	115	0.02
63 I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.02
64 T	Tetrachloroethene	0.453	0.450	0.7	112	0.02
65 PM	Chlorobenzene	1.025	0.973	5.1	107	0.00
66 T	1,1,1,2-Tetrachloroethane	0.446	0.435	2.5	111	0.00
67 C	Ethyl Benzene	1.762	1.722	2.3#	112	0.00
68 T	m/p-Xylenes	0.588	0.574	2.4	114	0.00
69 T	o-Xylene	0.571	0.536	6.1	109	0.00
70 T	Styrene	0.947	0.919	3.0	114	0.02
71 P	Bromoform	0.363	0.373	-2.8	112	0.02
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	0.00
73 T	Isopropylbenzene	3.532	3.305	6.4	118	0.02
74 T	N-amyl acetate	1.210	1.106	8.6	111	0.00
75 P	1,1,2,2-Tetrachloroethane	0.721	0.687	4.7	111	0.00
76 T	1,2,3-Trichloropropane	0.827	0.804	2.8	111	0.00
77 T	Bromobenzene	1.034	0.968	6.4	108	0.02
78 T	n-propylbenzene	4.292	4.110	4.2	114	0.00
79 T	2-Chlorotoluene	2.559	2.481	3.0	114	0.02
80 T	1,3,5-Trimethylbenzene	2.789	2.723	2.4	116	0.00
81 T	trans-1,4-Dichloro-2-butene	0.211	0.215	-1.9	117	0.02
82 T	4-Chlorotoluene	2.894	2.784	3.8	114	0.00
83 T	tert-Butylbenzene	3.140	3.073	2.1	116	0.00
84 T	1,2,4-Trimethylbenzene	2.965	2.774	6.4	110	0.00
85 T	sec-Butylbenzene	3.588	3.405	5.1	114	0.00
86 T	p-Isopropyltoluene	3.024	2.902	4.0	115	0.00
87 T	1,3-Dichlorobenzene	1.749	1.650	5.7	110	0.00
88 T	1,4-Dichlorobenzene	1.685	1.586	5.9	107	0.00
89 T	n-Butylbenzene	2.919	2.578	11.7	105	0.00

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90 T	Hexachloroethane	0.808	0.817	-1.1	116	0.00
91 T	1,2-Dichlorobenzene	1.467	1.299	11.5	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.145	0.147	-1.4	114	0.00
93 T	1,2,4-Trichlorobenzene	1.215	1.197	1.5	116	0.02
94 T	Hexachlorobutadiene	0.959	0.924	3.6	111	0.00
95 T	Naphthalene	1.728	1.632	5.6	114	0.00
96 T	1,2,3-Trichlorobenzene	1.100	1.048	4.7	115	0.00

(#) = Out of Range

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