

Data File : VD059796.D
Acq On : 15 Aug 2018 14:59
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 16 07:45:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 15 16:08:23 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	126	0.00
2 T	Dichlorodifluoromethane	0.609	0.583	4.3	119	0.00
3 P	Chloromethane	0.334	0.318	4.8	115	0.00
4 C	Vinyl Chloride	0.354	0.372	-5.1#	127	0.00
5 T	Bromomethane	0.113	0.124	-9.7	107	0.00
6 T	Chloroethane	0.148	0.152	-2.7	108	0.00
7 T	Trichlorofluoromethane	0.556	0.521	6.3	111	0.00
8 T	Diethyl Ether	0.107	0.101	5.6	113	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.312	0.306	1.9	122	0.00
10 T	Methyl Iodide	0.333	0.335	-0.6	107	0.00
11 T	Tert butyl alcohol	0.023	0.022	4.3	108	0.00
12 CM	1,1-Dichloroethene	0.226	0.226	0.0	121	0.00
13 T	Acrolein	0.018	0.019	-5.6	104	0.00
14 T	Allyl chloride	0.567	0.558	1.6	121	0.00
15 T	Acrylonitrile	0.080	0.073	8.8	109	0.00
16 T	Acetone	0.101	0.121	-19.8	138	0.00
17 T	Carbon Disulfide	0.756	0.819	-8.3	126	0.00
18 T	Methyl Acetate	0.217	0.200	7.8	115	0.00
19 T	Methyl tert-butyl Ether	1.101	1.013	8.0	114	0.00
20 T	Methylene Chloride	0.319	0.245	23.2#	115	0.00
21 T	trans-1,2-Dichloroethene	0.445	0.431	3.1	114	0.00
22 T	Diisopropyl ether	1.529	1.444	5.6	115	-0.02
23 T	Vinyl Acetate	0.866	0.849	2.0	119	0.00
24 P	1,1-Dichloroethane	0.907	0.842	7.2	117	0.00
25 T	2-Butanone	0.155	0.167	-7.7	125	-0.02
26 T	2,2-Dichloropropane	0.830	0.850	-2.4	129	-0.02
27 T	cis-1,2-Dichloroethene	0.487	0.452	7.2	116	0.00
28 T	Bromochloromethane	0.356	0.327	8.1	110	0.00
29	Tetrahydrofuran	0.066	0.062	6.1	116	0.00
30 C	Chloroform	1.089	0.930	14.6#	106	0.00
31 T	Cyclohexane	0.652	0.622	4.6	130	0.00
32 T	1,1,1-Trichloroethane	0.958	0.958	0.0	124	0.00
33 S	1,2-Dichloroethane-d4	0.642	0.578	10.0	104	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	118	0.00
35 S	Dibromofluoromethane	0.436	0.435	0.2	112	0.00
36 T	1,1-Dichloropropene	0.513	0.518	-1.0	119	0.00
37 T	Ethyl Acetate	0.257	0.248	3.5	109	0.00
38 T	Carbon Tetrachloride	0.619	0.624	-0.8	117	0.00
39 T	Methylcyclohexane	0.444	0.474	-6.8	119	0.00
40 TM	Benzene	1.088	1.094	-0.6	114	-0.02
41 T	Methacrylonitrile	0.123	0.124	-0.8	105	-0.02
42 TM	1,2-Dichloroethane	0.589	0.570	3.2	112	0.00
43 T	Isopropyl Acetate	0.324	0.339	-4.6	116	-0.02
44 TM	Trichloroethene	0.373	0.376	-0.8	118	0.00
45 C	1,2-Dichloropropane	0.283	0.295	-4.2#	114	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.231	0.222	3.9	109	0.00
47 T	Bromodichloromethane	0.567	0.547	3.5	110	0.00
48 T	Methyl methacrylate	0.211	0.225	-6.6	115	0.00
49 T	1,4-Dioxane	0.002	0.002	0.0	118	0.00
50 S	Toluene-d8	1.032	1.006	2.5	111	-0.02
51 T	4-Methyl-2-Pentanone	0.245	0.268	-9.4	112	0.00
52 CM	Toluene	0.697	0.685	1.7#	114	0.00
53 T	t-1,3-Dichloropropene	0.470	0.485	-3.2	119	0.00
54 T	cis-1,3-Dichloropropene	0.508	0.556	-9.4	121	0.00
55 T	1,1,2-Trichloroethane	0.257	0.252	1.9	115	0.00
56 T	Ethyl methacrylate	0.279	0.276	1.1	109	0.00
57 T	1,3-Dichloropropane	0.403	0.381	5.5	112	0.00
58 T	2-Chloroethyl Vinyl ether	0.138	0.143	-3.6	125	0.00
59 T	2-Hexanone	0.176	0.208	-18.2	123	0.00
60 T	Dibromochloromethane	0.374	0.370	1.1	111	0.00
61 T	1,2-Dibromoethane	0.285	0.266	6.7	108	0.00
62 S	4-Bromofluorobenzene	0.462	0.434	6.1	107	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	117	0.00
64 T	Tetrachloroethene	0.431	0.420	2.6	114	-0.02
65 PM	Chlorobenzene	1.013	0.993	2.0	117	0.00
66 T	1,1,1,2-Tetrachloroethane	0.408	0.396	2.9	111	0.00
67 C	Ethyl Benzene	1.743	1.643	5.7#	112	0.00
68 T	m/p-Xylenes	0.591	0.572	3.2	115	0.00
69 T	o-Xylene	0.567	0.560	1.2	116	0.00
70 T	Styrene	1.006	0.965	4.1	111	0.00
71 P	Bromoform	0.297	0.312	-5.1	114	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	119	0.00
73 T	Isopropylbenzene	3.166	3.143	0.7	118	0.00
74 T	N-amyl acetate	0.971	0.994	-2.4	113	0.00
75 P	1,1,2,2-Tetrachloroethane	0.643	0.617	4.0	111	0.00
76 T	1,2,3-Trichloropropane	0.709	0.682	3.8	113	0.00
77 T	Bromobenzene	0.905	0.887	2.0	111	0.00
78 T	n-propylbenzene	3.949	3.883	1.7	117	0.00
79 T	2-Chlorotoluene	2.381	2.291	3.8	113	0.00
80 T	1,3,5-Trimethylbenzene	2.535	2.413	4.8	112	0.00
81 T	trans-1,4-Dichloro-2-butene	0.166	0.190	-14.5	127	0.00
82 T	4-Chlorotoluene	2.703	2.454	9.2	108	0.00
83 T	tert-Butylbenzene	2.801	2.829	-1.0	121	0.00
84 T	1,2,4-Trimethylbenzene	2.732	2.582	5.5	111	0.00
85 T	sec-Butylbenzene	3.246	3.211	1.1	117	0.00
86 T	p-Isopropyltoluene	2.717	2.806	-3.3	124	0.00
87 T	1,3-Dichlorobenzene	1.622	1.603	1.2	120	0.00
88 T	1,4-Dichlorobenzene	1.608	1.554	3.4	114	0.00
89 T	n-Butylbenzene	2.747	2.776	-1.1	120	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081518\
Evaluate Continuing Calibration Report

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.682	0.714	-4.7	118	0.00
91 T	1,2-Dichlorobenzene	1.334	1.282	3.9	116	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.115	0.117	-1.7	105	0.00
93 T	1,2,4-Trichlorobenzene	1.116	1.148	-2.9	113	0.00
94 T	Hexachlorobutadiene	0.824	0.882	-7.0	124	0.00
95 T	Naphthalene	1.708	1.645	3.7	111	0.00
96 T	1,2,3-Trichlorobenzene	0.984	1.036	-5.3	122	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 5