Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF072418\
Data File : VF059634.D
Acq On : 24 Jul 2018 16:07
Operator : VA/AP
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 82 Sample Multiplier: 1

Instrument : MSVOA_F
LabSampleId : VSTDICC005

Quant Time: Jul 25 01:03:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F072418S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 25 00:58:12 2018
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	105	0.00
2	T	Dichlorodifluoromethane	0.585	0.071	87.9#	14#	0.00
3	P	Chloromethane	0.316	0.041	87.0#	15#	0.00
4	C	Vinyl Chloride	0.323	0.037	88.5#	14#	0.00
5	T	Bromomethane	0.258	0.032	87.6#	15#	0.00
6	T	Chloroethane	0.194	0.023	88.1#	14#	0.00
7	T	Trichlorofluoromethane	0.877	0.097	88.9#	12#	-0.06
8	T	Diethyl Ether	0.122	0.014	88.5#	14#	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.469	0.057	87.8#	14#	0.00
10	T	Methyl Iodide	0.722	0.085	88.2#	14#	0.00
11	T	Tert butyl alcohol	0.026	0.003	88.5#	13#	0.00
12	CM	1,1-Dichloroethene	0.359	0.047	86.9#	16#	-0.02
13	T	Acrolein	0.013	0.001	92.3#	11#	0.00
14	T	Allyl chloride	0.593	0.060	89.9#	12#	0.00
15	T	Acrylonitrile	0.045	0.005	88.9#	13#	0.00
16	T	Acetone	0.105	0.014	86.7#	15#	0.00
17	T	Carbon Disulfide	0.919	0.112	87.8#	15#	0.00
18	T	Methyl Acetate	0.188	0.026	86.2#	16#	0.00
19	T	Methyl tert-butyl Ether	0.902	0.104	88.5#	13#	0.00
20	T	Methylene Chloride	0.346	0.047	86.4#	18#	0.00
21	T	trans-1,2-Dichloroethene	0.359	0.045	87.5#	15#	0.00
22	T	Diisopropyl ether	1.137	0.130	88.6#	13#	0.00
23	T	Vinyl Acetate	0.525	0.051	90.3#	10#	0.00
24	P	1,1-Dichloroethane	0.809	0.092	88.6#	13#	0.00
25	T	2-Butanone	0.128	0.017	86.7#	15#	0.00
26	T	2,2-Dichloropropane	0.660	0.079	88.0#	14#	-0.02
27	T	cis-1,2-Dichloroethene	0.440	0.050	88.6#	13#	0.00
28	T	Bromochloromethane	0.290	0.036	87.6#	13#	0.00
29		Tetrahydrofuran	0.052	0.007	86.5#	16#	0.00
30	C	Chloroform	1.123	0.124	89.0#	12#	0.00
31	T	Cyclohexane	0.471	0.053	88.7#	13#	0.00
32	T	1,1,1-Trichloroethane	0.957	0.112	88.3#	13#	0.00
33	S	1,2-Dichloroethane-d4	0.697	0.075	89.2#	11#	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
35	S	Dibromofluoromethane	0.450	0.047	89.6#	10#	0.00
36	T	1,1-Dichloropropene	0.512	0.054	89.5#	12#	0.00
37	T	Ethyl Acetate	0.201	0.027	86.6#	16#	0.00
38	T	Carbon Tetrachloride	0.707	0.078	89.0#	12#	0.00
39	T	Methylcyclohexane	0.415	0.045	89.2#	13#	0.00
40	TM	Benzene	0.948	0.108	88.6#	13#	0.00
41	T	Methacrylonitrile	0.096	0.010	89.6#	11#	0.01
42	TM	1,2-Dichloroethane	0.562	0.062	89.0#	12#	0.00
43	T	Isopropyl Acetate	0.225	0.027	88.0#	14#	0.00
44	TM	Trichloroethene	0.350	0.038	89.1#	12#	0.00
45	C	1,2-Dichloropropane	0.240	0.024	90.0#	11#	0.00

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Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 82 Sample Multiplier: 1

Instrument : MSVOA_F
LabSampleId : VSTDICC005

Quant Time: Jul 25 01:03:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F072418S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 25 00:58:12 2018
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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.203	0.022	89.2#	12#	0.00
47	T	Bromodichloromethane	0.593	0.066	88.9#	12#	0.00
48	T	Methyl methacrylate	0.166	0.016	90.4#	11#	0.00
49	T	1,4-Dioxane	0.001	0.000	100.0#	11#	0.01
50	S	Toluene-d8	1.097	0.111	89.9#	10#	0.00
51	T	4-Methyl-2-Pentanone	0.166	0.019	88.6#	12#	0.00
52	CM	Toluene	0.689	0.084	87.8#	14#	0.00
53	T	t-1,3-Dichloropropene	0.472	0.053	88.8#	13#	0.00
54	T	cis-1,3-Dichloropropene	0.499	0.055	89.0#	12#	0.00
55	T	1,1,2-Trichloroethane	0.211	0.023	89.1#	12#	0.00
56	T	Ethyl methacrylate	0.226	0.023	89.8#	12#	0.00
57	T	1,3-Dichloropropane	0.362	0.038	89.5#	12#	0.00
58	T	2-Chloroethyl Vinyl ether	0.029	0.003	89.7#	13#	0.00
59	T	2-Hexanone	0.126	0.014	88.9#	12#	0.00
60	T	Dibromochloromethane	0.391	0.041	89.5#	11#	0.00
61	T	1,2-Dibromoethane	0.258	0.029	88.8#	13#	0.00
62	S	4-Bromofluorobenzene	0.564	0.058	89.7#	10#	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
64	T	Tetrachloroethene	0.396	0.049	87.6#	14#	0.00
65	PM	Chlorobenzene	0.926	0.106	88.6#	13#	0.00
66	T	1,1,1,2-Tetrachloroethane	0.429	0.053	87.6#	14#	0.00
67	C	Ethyl Benzene	1.665	0.192	88.5#	14#	0.00
68	T	m/p-Xylenes	0.595	0.068	88.6#	13#	0.00
69	T	o-Xylene	0.633	0.070	88.9#	12#	0.00
70	T	Styrene	0.914	0.102	88.8#	12#	0.00
71	P	Bromoform	0.242	0.024	90.1#	10#	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
73	T	Isopropylbenzene	3.142	0.336	89.3#	12#	0.00
74	T	N-amyl acetate	0.674	0.072	89.3#	13#	0.00
75	P	1,1,2,2-Tetrachloroethane	0.476	0.050	89.5#	12#	0.00
76	T	1,2,3-Trichloropropane	0.393	0.040	89.8#	11#	0.00
77	T	Bromobenzene	0.769	0.084	89.1#	13#	0.00
78	T	n-propylbenzene	3.741	0.428	88.6#	14#	0.00
79	T	2-Chlorotoluene	2.251	0.256	88.6#	13#	0.00
80	T	1,3,5-Trimethylbenzene	2.792	0.303	89.1#	12#	0.00
81	T	trans-1,4-Dichloro-2-butene	0.242	0.026	89.3#	13#	0.00
82	T	4-Chlorotoluene	2.402	0.272	88.7#	13#	0.00
83	T	tert-Butylbenzene	2.815	0.316	88.8#	13#	0.00
84	T	1,2,4-Trimethylbenzene	2.865	0.314	89.0#	13#	0.00
85	T	sec-Butylbenzene	3.753	0.430	88.5#	13#	0.00
86	T	p-Isopropyltoluene	3.267	0.360	89.0#	13#	0.00
87	T	1,3-Dichlorobenzene	1.557	0.189	87.9#	15#	0.00
88	T	1,4-Dichlorobenzene	1.490	0.183	87.7#	15#	0.00
89	T	n-Butylbenzene	3.227	0.374	88.4#	14#	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.797	0.085	89.3#	12#	0.00
91 T	1,2-Dichlorobenzene	1.437	0.172	88.0#	14#	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.123	0.014	88.6#	13#	0.00
93 T	1,2,4-Trichlorobenzene	1.153	0.134	88.4#	13#	0.00
94 T	Hexachlorobutadiene	0.830	0.092	88.9#	13#	0.00
95 T	Naphthalene	1.780	0.180	89.9#	11#	0.00
96 T	1,2,3-Trichlorobenzene	1.015	0.106	89.6#	11#	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6