Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv012420\
Data File : VY001397.D
Acq On : 24 Jan 2020 20:43
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_Y
LabSampleId : VSTDCCC050

Quant Time: Jan 25 05:04:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
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	104	0.00
2	T	Dichlorodifluoromethane	0.394	0.433	-9.9	114	0.00
3	P	Chloromethane	0.596	0.660	-10.7	120	0.00
4	C	Vinyl Chloride	0.621	0.679	-9.3#	115	0.00
5	T	Bromomethane	0.418	0.437	-4.5	115	0.00
6	T	Chloroethane	0.397	0.432	-8.8	115	0.00
7	T	Trichlorofluoromethane	0.795	0.867	-9.1	115	0.00
8	T	Diethyl Ether	0.336	0.369	-9.8	118	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.506	0.573	-13.2	118	0.00
10	T	Methyl Iodide	0.668	0.764	-14.4	113	0.00
11	T	Tert butyl alcohol	0.083	0.064	22.9	103	0.00
12	CM	1,1-Dichloroethene	0.531	0.568	-7.0#	114	0.00
13	T	Acrolein	0.045	0.046	-2.2	132	0.00
14	T	Allyl chloride	0.947	1.082	-14.3	121	0.00
15	T	Acrylonitrile	0.172	0.194	-12.8	121	0.00
16	T	Acetone	0.157	0.148	5.7	104	0.00
17	T	Carbon Disulfide	1.670	1.763	-5.6	113	0.00
18	T	Methyl Acetate	0.459	0.505	-10.0	123	0.00
19	T	Methyl tert-butyl Ether	1.554	1.764	-13.5	121	0.00
20	T	Methylene Chloride	0.838	0.683	18.5	109	0.00
21	T	trans-1,2-Dichloroethene	0.617	0.666	-7.9	115	0.00
22	T	Diisopropyl ether	2.010	2.324	-15.6	124	0.00
23	T	Vinyl Acetate	1.305	1.491	-14.3	121	0.00
24	P	1,1-Dichloroethane	1.060	1.207	-13.9	121	0.00
25	T	2-Butanone	0.237	0.250	-5.5	114	0.00
26	T	2,2-Dichloropropane	0.944	0.988	-4.7	114	0.00
27	T	cis-1,2-Dichloroethene	0.689	0.776	-12.6	120	0.00
28	T	Bromochloromethane	0.437	0.529	-21.1	123	0.00
29	T	Tetrahydrofuran	0.154	0.175	-13.6	122	0.00
30	C	Chloroform	1.039	1.179	-13.5#	123	0.00
31	T	Cyclohexane	1.052	1.116	-6.1	117	0.00
32	T	1,1,1-Trichloroethane	0.877	0.988	-12.7	119	0.00
33	S	1,2-Dichloroethane-d4	0.544	0.583	-7.2	109	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
35	S	Dibromofluoromethane	0.293	0.295	-0.7	108	0.00
36	T	1,1-Dichloropropene	0.472	0.512	-8.5	118	0.00
37	T	Ethyl Acetate	0.289	0.325	-12.5	123	0.00
38	T	Carbon Tetrachloride	0.421	0.456	-8.3	117	0.00
39	T	Methylcyclohexane	0.605	0.662	-9.4	118	0.00
40	TM	Benzene	1.416	1.557	-10.0	120	0.00
41	T	Methacrylonitrile	0.149	0.160	-7.4	123	0.00
42	TM	1,2-Dichloroethane	0.396	0.439	-10.9	120	0.00
43	T	Isopropyl Acetate	0.561	0.629	-12.1	120	0.00
44	TM	Trichloroethene	0.363	0.390	-7.4	118	0.00
45	C	1,2-Dichloropropane	0.358	0.404	-12.8#	122	0.00

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Quant Title : SW846 8260
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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	0.192	0.208	-8.3	118	0.00
47	T	Bromodichloromethane	0.460	0.514	-11.7	122	0.00
48	T	Methyl methacrylate	0.255	0.282	-10.6	120	0.00
49	T	1,4-Dioxane	0.003	0.003	0.0	117	0.00
50	S	Toluene-d8	1.140	1.206	-5.8	108	0.00
51	T	4-Methyl-2-Pentanone	0.289	0.323	-11.8	121	0.00
52	CM	Toluene	0.898	0.992	-10.5#	120	0.00
53	T	t-1,3-Dichloropropene	0.509	0.574	-12.8	120	0.00
54	T	cis-1,3-Dichloropropene	0.585	0.655	-12.0	121	0.00
55	T	1,1,2-Trichloroethane	0.284	0.314	-10.6	119	0.00
56	T	Ethyl methacrylate	0.429	0.485	-13.1	121	0.00
57	T	1,3-Dichloropropane	0.494	0.551	-11.5	120	0.00
58	T	2-Chloroethyl Vinyl ether	0.148	0.143	3.4	121	0.00
59	T	2-Hexanone	0.201	0.229	-13.9	120	0.00
60	T	Dibromochloromethane	0.317	0.349	-10.1	119	0.00
61	T	1,2-Dibromoethane	0.268	0.300	-11.9	119	0.00
62	S	4-Bromofluorobenzene	0.454	0.459	-1.1	108	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	107	0.00
64	T	Tetrachloroethene	0.319	0.347	-8.8	121	0.00
65	PM	Chlorobenzene	1.054	1.138	-8.0	119	0.00
66	T	1,1,1,2-Tetrachloroethane	0.360	0.397	-10.3	120	0.00
67	C	Ethyl Benzene	1.942	2.113	-8.8#	119	0.00
68	T	m/p-Xylenes	0.725	0.786	-8.4	118	0.00
69	T	o-Xylene	0.698	0.755	-8.2	118	0.00
70	T	Styrene	1.224	1.351	-10.4	120	0.00
71	P	Bromoform	0.215	0.232	-7.9	117	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
73	T	Isopropylbenzene	3.945	4.309	-9.2	119	0.00
74	T	N-amyl acetate	1.291	1.448	-12.2	120	0.00
75	P	1,1,2,2-Tetrachloroethane	0.845	0.932	-10.3	118	0.00
76	T	1,2,3-Trichloropropane	0.603	0.682	-13.1	122	0.00
77	T	Bromobenzene	0.874	0.942	-7.8	117	0.00
78	T	n-propylbenzene	4.749	5.241	-10.4	119	0.00
79	T	2-Chlorotoluene	2.713	3.016	-11.2	121	0.00
80	T	1,3,5-Trimethylbenzene	3.293	3.642	-10.6	120	0.00
81	T	trans-1,4-Dichloro-2-butene	0.318	0.358	-12.6	122	0.00
82	T	4-Chlorotoluene	2.898	3.174	-9.5	119	0.00
83	T	tert-Butylbenzene	2.776	3.066	-10.4	119	0.00
84	T	1,2,4-Trimethylbenzene	3.306	3.611	-9.2	120	0.00
85	T	sec-Butylbenzene	3.944	4.376	-11.0	118	0.00
86	T	p-Isopropyltoluene	3.476	3.840	-10.5	119	0.00
87	T	1,3-Dichlorobenzene	1.683	1.819	-8.1	117	0.00
88	T	1,4-Dichlorobenzene	1.709	1.837	-7.5	118	0.00
89	T	n-Butylbenzene	3.498	3.921	-12.1	121	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.659	0.738	-12.0	119	0.00
91 T	1,2-Dichlorobenzene	1.552	1.706	-9.9	119	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.146	0.155	-6.2	118	0.00
93 T	1,2,4-Trichlorobenzene	1.042	1.093	-4.9	118	0.00
94 T	Hexachlorobutadiene	0.507	0.530	-4.5	116	0.00
95 T	Naphthalene	2.382	2.670	-12.1	124	0.00
96 T	1,2,3-Trichlorobenzene	0.914	0.972	-6.3	119	0.00

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