Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012720\
Data File : VY001399.D
Acq On : 27 Jan 2020 12:20
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_Y
LabSampleId : VSTDCCC050

Quant Time: Jan 27 13:58:17 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	106	0.00
2	T	Dichlorodifluoromethane	0.394	0.399	-1.3	107	0.00
3	P	Chloromethane	0.596	0.608	-2.0	112	0.00
4	C	Vinyl Chloride	0.621	0.603	2.9#	104	0.00
5	T	Bromomethane	0.418	0.386	7.7	103	-0.01
6	T	Chloroethane	0.397	0.389	2.0	105	0.00
7	T	Trichlorofluoromethane	0.795	0.810	-1.9	109	-0.01
8	T	Diethyl Ether	0.336	0.322	4.2	104	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.506	0.532	-5.1	111	-0.01
10	T	Methyl Iodide	0.668	0.646	3.3	97	0.00
11	T	Tert butyl alcohol	0.083	0.059	28.9#	97	0.00
12	CM	1,1-Dichloroethene	0.531	0.525	1.1#	107	-0.01
13	T	Acrolein	0.045	0.044	2.2	126	0.00
14	T	Allyl chloride	0.947	0.947	0.0	108	-0.01
15	T	Acrylonitrile	0.172	0.174	-1.2	110	-0.01
16	T	Acetone	0.157	0.161	-2.5	115	-0.01
17	T	Carbon Disulfide	1.670	1.593	4.6	103	0.00
18	T	Methyl Acetate	0.459	0.445	3.1	110	-0.02
19	T	Methyl tert-butyl Ether	1.554	1.548	0.4	107	-0.01
20	T	Methylene Chloride	0.838	0.618	26.3#	100	-0.02
21	T	trans-1,2-Dichloroethene	0.617	0.605	1.9	106	-0.01
22	T	Diisopropyl ether	2.010	1.995	0.7	108	0.00
23	T	Vinyl Acetate	1.305	1.332	-2.1	109	0.00
24	P	1,1-Dichloroethane	1.060	1.059	0.1	108	-0.01
25	T	2-Butanone	0.237	0.243	-2.5	112	0.00
26	T	2,2-Dichloropropane	0.944	0.932	1.3	109	0.00
27	T	cis-1,2-Dichloroethene	0.689	0.688	0.1	108	0.00
28	T	Bromochloromethane	0.437	0.487	-11.4	115	0.00
29	T	Tetrahydrofuran	0.154	0.154	0.0	109	0.00
30	C	Chloroform	1.039	1.051	-1.2#	111	0.00
31	T	Cyclohexane	1.052	1.048	0.4	111	0.00
32	T	1,1,1-Trichloroethane	0.877	0.908	-3.5	111	0.00
33	S	1,2-Dichloroethane-d4	0.544	0.574	-5.5	109	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
35	S	Dibromofluoromethane	0.293	0.300	-2.4	107	0.00
36	T	1,1-Dichloropropene	0.472	0.486	-3.0	110	0.00
37	T	Ethyl Acetate	0.289	0.295	-2.1	109	0.00
38	T	Carbon Tetrachloride	0.421	0.443	-5.2	111	0.00
39	T	Methylcyclohexane	0.605	0.633	-4.6	111	0.00
40	TM	Benzene	1.416	1.439	-1.6	108	0.00
41	T	Methacrylonitrile	0.149	0.141	5.4	106	-0.01
42	TM	1,2-Dichloroethane	0.396	0.408	-3.0	110	0.00
43	T	Isopropyl Acetate	0.561	0.588	-4.8	109	0.00
44	TM	Trichloroethene	0.363	0.370	-1.9	110	0.00
45	C	1,2-Dichloropropane	0.358	0.370	-3.4#	109	0.00

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Quant Time: Jan 27 13:58:17 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)
46	T	Dibromomethane	0.192	0.197	-2.6	109	0.00
47	T	Bromodichloromethane	0.460	0.476	-3.5	111	0.00
48	T	Methyl methacrylate	0.255	0.264	-3.5	110	0.00
49	T	1,4-Dioxane	0.003	0.003	0.0	115	0.00
50	S	Toluene-d8	1.140	1.244	-9.1	109	0.00
51	T	4-Methyl-2-Pentanone	0.289	0.304	-5.2	111	0.00
52	CM	Toluene	0.898	0.928	-3.3#	110	0.00
53	T	t-1,3-Dichloropropene	0.509	0.541	-6.3	111	0.00
54	T	cis-1,3-Dichloropropene	0.585	0.611	-4.4	111	0.00
55	T	1,1,2-Trichloroethane	0.284	0.294	-3.5	109	0.00
56	T	Ethyl methacrylate	0.429	0.451	-5.1	110	0.00
57	T	1,3-Dichloropropane	0.494	0.519	-5.1	111	0.00
58	T	2-Chloroethyl Vinyl ether	0.148	0.133	10.1	110	0.00
59	T	2-Hexanone	0.201	0.220	-9.5	113	0.00
60	T	Dibromochloromethane	0.317	0.335	-5.7	112	0.00
61	T	1,2-Dibromoethane	0.268	0.283	-5.6	110	0.00
62	S	4-Bromofluorobenzene	0.454	0.475	-4.6	110	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
64	T	Tetrachloroethene	0.319	0.324	-1.6	111	0.00
65	PM	Chlorobenzene	1.054	1.054	0.0	108	0.00
66	T	1,1,1,2-Tetrachloroethane	0.360	0.373	-3.6	110	0.00
67	C	Ethyl Benzene	1.942	1.994	-2.7#	110	0.00
68	T	m/p-Xylenes	0.725	0.746	-2.9	110	0.00
69	T	o-Xylene	0.698	0.709	-1.6	109	0.00
70	T	Styrene	1.224	1.263	-3.2	110	0.00
71	P	Bromoform	0.215	0.224	-4.2	111	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73	T	Isopropylbenzene	3.945	4.085	-3.5	111	0.00
74	T	N-amyl acetate	1.291	1.348	-4.4	110	0.00
75	P	1,1,2,2-Tetrachloroethane	0.845	0.888	-5.1	111	0.00
76	T	1,2,3-Trichloropropane	0.603	0.641	-6.3	113	0.00
77	T	Bromobenzene	0.874	0.885	-1.3	109	0.00
78	T	n-propylbenzene	4.749	4.990	-5.1	111	0.00
79	T	2-Chlorotoluene	2.713	2.812	-3.6	111	0.00
80	T	1,3,5-Trimethylbenzene	3.293	3.454	-4.9	112	0.00
81	T	trans-1,4-Dichloro-2-butene	0.318	0.343	-7.9	115	0.00
82	T	4-Chlorotoluene	2.898	2.990	-3.2	110	0.00
83	T	tert-Butylbenzene	2.776	2.942	-6.0	112	0.00
84	T	1,2,4-Trimethylbenzene	3.306	3.409	-3.1	111	0.00
85	T	sec-Butylbenzene	3.944	4.206	-6.6	111	0.00
86	T	p-Isopropyltoluene	3.476	3.659	-5.3	112	0.00
87	T	1,3-Dichlorobenzene	1.683	1.730	-2.8	110	0.00
88	T	1,4-Dichlorobenzene	1.709	1.752	-2.5	111	0.00
89	T	n-Butylbenzene	3.498	3.735	-6.8	114	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.659	0.716	-8.6	113	0.00
91 T	1,2-Dichlorobenzene	1.552	1.584	-2.1	109	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.146	0.150	-2.7	112	0.00
93 T	1,2,4-Trichlorobenzene	1.042	1.032	1.0	110	0.00
94 T	Hexachlorobutadiene	0.507	0.513	-1.2	110	0.00
95 T	Naphthalene	2.382	2.480	-4.1	114	0.00
96 T	1,2,3-Trichlorobenzene	0.914	0.905	1.0	109	0.00

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