Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050421\
Data File : VY004719.D
Acq On : 04 May 2021 16:40
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.05G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_Y
LabSampleId : VSTDCCC050

Quant Time: May 05 01:35:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
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	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	83	0.00
2	T	Dichlorodifluoromethane	50.000	46.870	6.3	75	0.00
3	P	Chloromethane	50.000	51.124	-2.2	87	0.00
4	C	Vinyl Chloride	50.000	51.855	-3.7#	87	0.00
5	T	Bromomethane	50.000	59.897	-19.8	101	-0.01
6	T	Chloroethane	50.000	57.209	-14.4	92	-0.01
7	T	Trichlorofluoromethane	50.000	53.851	-7.7	88	-0.01
8	T	Diethyl Ether	50.000	55.715	-11.4	94	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.786	-7.6	87	-0.01
10	T	Methyl Iodide	50.000	46.560	6.9	76	-0.01
11	T	Tert butyl alcohol	250.000	299.124	-19.6	112	0.00
12	CM	1,1-Dichloroethene	50.000	52.121	-4.2#	85	-0.02
13	T	Acrolein	250.000	200.004	20.0	71	0.00
14	T	Allyl chloride	50.000	50.702	-1.4	85	-0.01
15	T	Acrylonitrile	250.000	283.936	-13.6	99	-0.01
16	T	Acetone	250.000	325.503	-30.2#	110	0.00
17	T	Carbon Disulfide	50.000	43.433	13.1	70	-0.01
18	T	Methyl Acetate	50.000	59.484	-19.0	108	0.00
19	T	Methyl tert-butyl Ether	50.000	57.679	-15.4	98	-0.01
20	T	Methylene Chloride	50.000	62.100	-24.2	105	-0.01
21	T	trans-1,2-Dichloroethene	50.000	52.786	-5.6	86	-0.01
22	T	Diisopropyl ether	50.000	55.084	-10.2	91	-0.01
23	T	Vinyl Acetate	250.000	273.695	-9.5	92	-0.01
24	P	1,1-Dichloroethane	50.000	55.530	-11.1	91	-0.01
25	T	2-Butanone	250.000	302.738	-21.1	106	-0.01
26	T	2,2-Dichloropropane	50.000	51.699	-3.4	84	-0.01
27	T	cis-1,2-Dichloroethene	50.000	56.048	-12.1	92	-0.01
28	T	Bromochloromethane	50.000	57.779	-15.6	90	-0.01
29	T	Tetrahydrofuran	250.000	282.216	-12.9	100	0.00
30	C	Chloroform	50.000	57.859	-15.7#	95	-0.01
31	T	Cyclohexane	50.000	47.248	5.5	80	-0.01
32	T	1,1,1-Trichloroethane	50.000	57.112	-14.2	93	-0.01
33	S	1,2-Dichloroethane-d4	50.000	59.586	-19.2	95	-0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35	S	Dibromofluoromethane	50.000	49.492	1.0	79	0.00
36	T	1,1-Dichloropropene	50.000	52.120	-4.2	87	-0.01
37	T	Ethyl Acetate	50.000	55.154	-10.3	101	0.00
38	T	Carbon Tetrachloride	50.000	59.263	-18.5	95	-0.01
39	T	Methylcyclohexane	50.000	49.406	1.2	81	0.00
40	TM	Benzene	50.000	54.044	-8.1	91	-0.01
41	T	Methacrylonitrile	50.000	55.959	-11.9	91	-0.01
42	TM	1,2-Dichloroethane	50.000	58.059	-16.1	101	0.00
43	T	Isopropyl Acetate	50.000	57.255	-14.5	101	0.00
44	TM	Trichloroethene	50.000	54.996	-10.0	91	0.00
45	C	1,2-Dichloropropane	50.000	55.658	-11.3#	93	-0.01
46	T	Dibromomethane	50.000	57.385	-14.8	99	0.00
47	T	Bromodichloromethane	50.000	58.693	-17.4	98	0.00
48	T	Methyl methacrylate	50.000	57.955	-15.9	101	0.00

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
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	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1260.564	-26.1#	128	0.00
50	S	Toluene-d8	50.000	54.413	-8.8	87	0.00
51	T	4-Methyl-2-Pentanone	250.000	297.706	-19.1	106	0.00
52	CM	Toluene	50.000	54.043	-8.1#	91	0.00
53	T	t-1,3-Dichloropropene	50.000	57.110	-14.2	98	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.113	-10.2	93	0.00
55	T	1,1,2-Trichloroethane	50.000	58.715	-17.4	102	0.00
56	T	Ethyl methacrylate	50.000	58.319	-16.6	100	0.00
57	T	1,3-Dichloropropane	50.000	57.704	-15.4	100	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	304.904	-22.0	100	0.00
59	T	2-Hexanone	250.000	306.082	-22.4	109	0.00
60	T	Dibromochloromethane	50.000	59.876	-19.8	101	0.00
61	T	1,2-Dibromoethane	50.000	59.184	-18.4	102	0.00
62	S	4-Bromofluorobenzene	50.000	56.337	-12.7	92	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00
64	T	Tetrachloroethene	50.000	56.567	-13.1	100	-0.01
65	PM	Chlorobenzene	50.000	54.018	-8.0	96	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	56.227	-12.5	99	0.00
67	C	Ethyl Benzene	50.000	53.470	-6.9#	94	0.00
68	T	m/p-Xylenes	100.000	107.761	-7.8	94	0.00
69	T	o-Xylene	50.000	54.184	-8.4	95	0.00
70	T	Styrene	50.000	56.723	-13.4	98	0.00
71	P	Bromoform	50.000	58.253	-16.5	106	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73	T	Isopropylbenzene	50.000	51.336	-2.7	95	0.00
74	T	N-amyl acetate	50.000	53.981	-8.0	104	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.468	-4.9	103	0.00
76	T	1,2,3-Trichloropropane	50.000	47.628	4.7	90	0.00
77	T	Bromobenzene	50.000	52.007	-4.0	100	0.00
78	T	n-propylbenzene	50.000	51.548	-3.1	95	0.00
79	T	2-Chlorotoluene	50.000	52.831	-5.7	98	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.592	-7.2	99	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.260	1.5	98	0.00
82	T	4-Chlorotoluene	50.000	52.606	-5.2	98	0.00
83	T	tert-Butylbenzene	50.000	52.270	-4.5	96	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.536	-7.1	100	0.00
85	T	sec-Butylbenzene	50.000	52.610	-5.2	96	0.00
86	T	p-Isopropyltoluene	50.000	53.338	-6.7	98	0.00
87	T	1,3-Dichlorobenzene	50.000	54.157	-8.3	102	0.00
88	T	1,4-Dichlorobenzene	50.000	53.221	-6.4	101	0.00
89	T	n-Butylbenzene	50.000	52.503	-5.0	96	0.00
90	T	Hexachloroethane	50.000	59.470	-18.9	109	0.00
91	T	1,2-Dichlorobenzene	50.000	54.056	-8.1	103	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.317	-6.6	112	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.553	-5.1	102	0.00
94	T	Hexachlorobutadiene	50.000	53.997	-8.0	99	0.00
95	T	Naphthalene	50.000	53.380	-6.8	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.295	-6.6	106	0.00

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