Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032123\
Data File : VY013019.D
Acq On : 21 Mar 2023 11:30
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Mar 22 04:16:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
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	92	0.00
2	T	Dichlorodifluoromethane	50.000	54.093	-8.2	105	0.00
3	P	Chloromethane	50.000	42.858	14.3	86	0.00
4	C	Vinyl Chloride	50.000	45.650	8.7#	86	0.00
5	T	Bromomethane	50.000	48.224	3.6	92	0.00
6	T	Chloroethane	50.000	47.415	5.2	88	0.00
7	T	Trichlorofluoromethane	50.000	43.231	13.5	83	0.00
8	T	Diethyl Ether	50.000	47.875	4.3	88	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.750	-3.5	98	0.00
10	T	Methyl Iodide	50.000	52.908	-5.8	93	0.00
11	T	Tert butyl alcohol	250.000	195.467	21.8	75	0.00
12	CM	1,1-Dichloroethene	50.000	52.859	-5.7#	98	0.00
13	T	Acrolein	250.000	184.987	26.0#	70	0.00
14	T	Allyl chloride	50.000	53.265	-6.5	98	0.00
15	T	Acrylonitrile	250.000	235.300	5.9	87	0.00
16	T	Acetone	250.000	241.460	3.4	83	0.00
17	T	Carbon Disulfide	50.000	51.621	-3.2	97	0.00
18	T	Methyl Acetate	50.000	45.378	9.2	83	0.00
19	T	Methyl tert-butyl Ether	50.000	50.232	-0.5	90	0.00
20	T	Methylene Chloride	50.000	52.964	-5.9	95	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.976	-8.0	100	0.00
22	T	Diisopropyl ether	50.000	54.298	-8.6	98	0.00
23	T	Vinyl Acetate	250.000	255.304	-2.1	90	0.00
24	P	1,1-Dichloroethane	50.000	52.967	-5.9	98	0.00
25	T	2-Butanone	250.000	232.719	6.9	82	0.00
26	T	2,2-Dichloropropane	50.000	52.750	-5.5	100	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.242	-6.5	97	0.00
28	T	Bromochloromethane	50.000	49.821	0.4	90	0.00
29	T	Tetrahydrofuran	250.000	225.148	9.9	80	0.00
30	C	Chloroform	50.000	53.046	-6.1#	98	0.00
31	T	Cyclohexane	50.000	50.961	-1.9	97	0.00
32	T	1,1,1-Trichloroethane	50.000	52.944	-5.9	98	0.00
33	S	1,2-Dichloroethane-d4	50.000	41.709	16.6	78	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	90	0.00
35	S	Dibromofluoromethane	50.000	47.526	4.9	86	0.00
36	T	1,1-Dichloropropene	50.000	54.110	-8.2	98	0.00
37	T	Ethyl Acetate	50.000	45.220	9.6	84	0.00
38	T	Carbon Tetrachloride	50.000	54.163	-8.3	97	0.00
39	T	Methylcyclohexane	50.000	55.125	-10.3	96	0.00
40	TM	Benzene	50.000	54.159	-8.3	97	0.00
41	T	Methacrylonitrile	50.000	38.792	22.4	69	0.00
42	TM	1,2-Dichloroethane	50.000	51.809	-3.6	93	0.00
43	T	Isopropyl Acetate	50.000	47.635	4.7	84	0.00
44	TM	Trichloroethene	50.000	53.681	-7.4	96	0.00
45	C	1,2-Dichloropropane	50.000	53.644	-7.3#	98	0.00
46	T	Dibromomethane	50.000	51.209	-2.4	91	0.00
47	T	Bromodichloromethane	50.000	52.826	-5.7	95	0.00
48	T	Methyl methacrylate	50.000	49.324	1.4	84	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	935.147	6.5	82	0.00
50	S	Toluene-d8	50.000	42.597	14.8	78	0.00
51	T	4-Methyl-2-Pentanone	250.000	236.157	5.5	81	0.00
52	CM	Toluene	50.000	55.546	-11.1#	98	0.00
53	T	t-1,3-Dichloropropene	50.000	51.685	-3.4	91	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.307	-6.6	94	0.00
55	T	1,1,2-Trichloroethane	50.000	50.023	-0.0	90	0.00
56	T	Ethyl methacrylate	50.000	50.078	-0.2	84	0.00
57	T	1,3-Dichloropropane	50.000	51.478	-3.0	91	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	240.554	3.8	82	0.00
59	T	2-Hexanone	250.000	239.050	4.4	80	0.00
60	T	Dibromochloromethane	50.000	51.186	-2.4	92	0.00
61	T	1,2-Dibromoethane	50.000	49.699	0.6	89	0.00
62	S	4-Bromofluorobenzene	50.000	46.428	7.1	85	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64	T	Tetrachloroethene	50.000	54.999	-10.0	98	0.00
65	PM	Chlorobenzene	50.000	53.361	-6.7	94	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.241	-6.5	95	0.00
67	C	Ethyl Benzene	50.000	55.567	-11.1#	97	0.00
68	T	m/p-Xylenes	100.000	111.391	-11.4	96	0.00
69	T	o-Xylene	50.000	55.595	-11.2	97	0.00
70	T	Styrene	50.000	56.053	-12.1	96	0.00
71	P	Bromoform	50.000	50.245	-0.5	89	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73	T	Isopropylbenzene	50.000	55.458	-10.9	98	0.00
74	T	N-amyl acetate	50.000	46.972	6.1	81	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.832	4.3	86	0.00
76	T	1,2,3-Trichloropropane	50.000	50.820	-1.6	91	0.00
77	T	Bromobenzene	50.000	52.305	-4.6	94	0.00
78	T	n-propylbenzene	50.000	55.567	-11.1	98	0.00
79	T	2-Chlorotoluene	50.000	54.371	-8.7	96	0.00
80	T	1,3,5-Trimethylbenzene	50.000	55.072	-10.1	98	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.099	5.8	83	0.00
82	T	4-Chlorotoluene	50.000	53.662	-7.3	95	0.00
83	T	tert-Butylbenzene	50.000	54.768	-9.5	95	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.199	-10.4	97	0.00
85	T	sec-Butylbenzene	50.000	55.208	-10.4	98	0.00
86	T	p-Isopropyltoluene	50.000	54.898	-9.8	96	0.00
87	T	1,3-Dichlorobenzene	50.000	53.211	-6.4	96	0.00
88	T	1,4-Dichlorobenzene	50.000	51.277	-2.6	93	0.00
89	T	n-Butylbenzene	50.000	54.756	-9.5	96	0.00
90	T	Hexachloroethane	50.000	52.038	-4.1	96	0.00
91	T	1,2-Dichlorobenzene	50.000	51.876	-3.8	93	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	43.984	12.0	77	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.656	2.7	85	0.00
94	T	Hexachlorobutadiene	50.000	50.948	-1.9	95	0.00
95	T	Naphthalene	50.000	46.336	7.3	79	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.205	5.6	84	0.00

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