Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
Data File : VY015874.D
Acq On : 06 Oct 2023 19:55
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 07 07:32:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 06 05:54:04 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	96	0.00
2	T	Dichlorodifluoromethane	50.000	38.729	22.5	68	0.00
3	P	Chloromethane	50.000	43.304	13.4	73	0.00
4	C	Vinyl Chloride	50.000	41.135	17.7#	72	0.00
5	T	Bromomethane	50.000	48.062	3.9	85	0.01
6	T	Chloroethane	50.000	36.972	26.1#	63	0.00
7	T	Trichlorofluoromethane	50.000	45.012	10.0	83	0.00
8	T	Diethyl Ether	50.000	43.663	12.7	83	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	38.868	22.3	72	0.00
10	T	Methyl Iodide	50.000	33.162	33.7#	59	0.00
11	T	Tert butyl alcohol	250.000	330.142	-32.1#	130	0.10
12	CM	1,1-Dichloroethene	50.000	41.123	17.8#	74	-0.01
13	T	Acrolein	250.000	342.066	-36.8#	134	0.02
14	T	Allyl chloride	50.000	42.304	15.4	79	0.00
15	T	Acrylonitrile	250.000	276.927	-10.8	110	0.02
16	T	Acetone	250.000	203.351	18.7	86	0.04
17	T	Carbon Disulfide	50.000	41.533	16.9	71	0.00
18	T	Methyl Acetate	50.000	65.532	-31.1#	125	0.02
19	T	Methyl tert-butyl Ether	50.000	42.545	14.9	82	0.01
20	T	Methylene Chloride	50.000	40.782	18.4	83	0.00
21	T	trans-1,2-Dichloroethene	50.000	41.335	17.3	75	0.00
22	T	Diisopropyl ether	50.000	40.614	18.8	77	0.00
23	T	Vinyl Acetate	250.000	203.924	18.4	79	0.00
24	P	1,1-Dichloroethane	50.000	39.326	21.3	75	0.00
25	T	2-Butanone	250.000	255.307	-2.1	107	0.02
26	T	2,2-Dichloropropane	50.000	35.892	28.2#	70	0.00
27	T	cis-1,2-Dichloroethene	50.000	39.887	20.2	76	0.00
28	T	Bromochloromethane	50.000	46.897	6.2	86	0.00
29	T	Tetrahydrofuran	250.000	317.247	-26.9#	126	0.02
30	C	Chloroform	50.000	39.965	20.1#	78	0.00
31	T	Cyclohexane	50.000	38.498	23.0	72	0.00
32	T	1,1,1-Trichloroethane	50.000	39.572	20.9	76	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.546	-3.1	98	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35	S	Dibromofluoromethane	50.000	48.163	3.7	92	0.00
36	T	1,1-Dichloropropene	50.000	40.037	19.9	74	0.00
37	T	Ethyl Acetate	50.000	62.001	-24.0	128	0.01
38	T	Carbon Tetrachloride	50.000	38.703	22.6	73	0.00
39	T	Methylcyclohexane	50.000	40.292	19.4	72	0.00
40	TM	Benzene	50.000	40.648	18.7	77	0.00
41	T	Methacrylonitrile	50.000	48.881	2.2	94	0.00
42	TM	1,2-Dichloroethane	50.000	41.970	16.1	82	0.00
43	T	Isopropyl Acetate	50.000	48.540	2.9	97	0.00
44	TM	Trichloroethene	50.000	43.525	13.0	84	0.00
45	C	1,2-Dichloropropane	50.000	39.736	20.5#	78	0.00
46	T	Dibromomethane	50.000	42.613	14.8	83	0.00
47	T	Bromodichloromethane	50.000	39.901	20.2	78	0.00
48	T	Methyl methacrylate	50.000	49.098	1.8	97	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1463.932	-46.4#	159	0.07
50	S	Toluene-d8	50.000	50.282	-0.6	94	0.00
51	T	4-Methyl-2-Pentanone	250.000	274.030	-9.6	111	0.00
52	CM	Toluene	50.000	40.566	18.9#	77	0.00
53	T	t-1,3-Dichloropropene	50.000	40.549	18.9	77	0.00
54	T	cis-1,3-Dichloropropene	50.000	39.724	20.6	76	0.00
55	T	1,1,2-Trichloroethane	50.000	41.752	16.5	82	0.00
56	T	Ethyl methacrylate	50.000	45.168	9.7	86	0.00
57	T	1,3-Dichloropropane	50.000	42.662	14.7	83	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	275.794	-10.3	105	0.00
59	T	2-Hexanone	250.000	282.875	-13.2	115	0.00
60	T	Dibromochloromethane	50.000	41.230	17.5	80	0.00
61	T	1,2-Dibromoethane	50.000	43.309	13.4	85	0.00
62	S	4-Bromofluorobenzene	50.000	50.075	-0.2	95	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64	T	Tetrachloroethene	50.000	47.550	4.9	94	0.00
65	PM	Chlorobenzene	50.000	39.374	21.3	78	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	38.968	22.1	78	0.00
67	C	Ethyl Benzene	50.000	38.841	22.3#	75	0.00
68	T	m/p-Xylenes	100.000	78.277	21.7	75	0.00
69	T	o-Xylene	50.000	39.771	20.5	76	0.00
70	T	Styrene	50.000	40.124	19.8	76	0.00
71	P	Bromoform	50.000	44.372	11.3	87	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73	T	Isopropylbenzene	50.000	37.742	24.5	75	0.00
74	T	N-amyl acetate	50.000	42.318	15.4	85	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	41.167	17.7	85	0.00
76	T	1,2,3-Trichloropropane	50.000	43.905	12.2	81	0.00
77	T	Bromobenzene	50.000	38.618	22.8	77	0.00
78	T	n-propylbenzene	50.000	37.837	24.3	74	0.00
79	T	2-Chlorotoluene	50.000	38.182	23.6	76	0.00
80	T	1,3,5-Trimethylbenzene	50.000	38.030	23.9	74	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	44.137	11.7	90	0.00
82	T	4-Chlorotoluene	50.000	38.127	23.7	76	0.00
83	T	tert-Butylbenzene	50.000	37.662	24.7	74	0.00
84	T	1,2,4-Trimethylbenzene	50.000	38.271	23.5	75	0.00
85	T	sec-Butylbenzene	50.000	37.642	24.7	73	0.00
86	T	p-Isopropyltoluene	50.000	37.692	24.6	73	0.00
87	T	1,3-Dichlorobenzene	50.000	37.647	24.7	75	0.00
88	T	1,4-Dichlorobenzene	50.000	37.878	24.2	76	0.00
89	T	n-Butylbenzene	50.000	37.235	25.5#	72	0.00
90	T	Hexachloroethane	50.000	37.527	24.9	75	0.00
91	T	1,2-Dichlorobenzene	50.000	38.976	22.0	78	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	55.766	-11.5	115	0.00
93	T	1,2,4-Trichlorobenzene	50.000	38.597	22.8	76	0.00
94	T	Hexachlorobutadiene	50.000	37.131	25.7#	74	0.00
95	T	Naphthalene	50.000	54.079	-8.2	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	40.119	19.8	80	0.00

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