Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081023\
Data File : VY015019.D
Acq On : 10 Aug 2023 11:12
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: Aug 10 14:20:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 08 07:44:56 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	98	0.00
2	T	Dichlorodifluoromethane	50.000	38.950	22.1	83	0.00
3	P	Chloromethane	50.000	44.172	11.7	97	0.00
4	C	Vinyl Chloride	50.000	43.121	13.8#	93	0.00
5	T	Bromomethane	50.000	53.463	-6.9	101	0.00
6	T	Chloroethane	50.000	47.226	5.5	99	0.00
7	T	Trichlorofluoromethane	50.000	42.967	14.1	90	0.00
8	T	Diethyl Ether	50.000	46.608	6.8	96	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	42.046	15.9	87	0.00
10	T	Methyl Iodide	50.000	52.098	-4.2	100	0.00
11	T	Tert butyl alcohol	250.000	180.895	27.6#	109	0.00
12	CM	1,1-Dichloroethene	50.000	43.943	12.1#	91	0.00
13	T	Acrolein	250.000	250.278	-0.1	110	0.00
14	T	Allyl chloride	50.000	45.976	8.0	93	0.00
15	T	Acrylonitrile	250.000	234.696	6.1	96	0.00
16	T	Acetone	250.000	252.936	-1.2	102	0.00
17	T	Carbon Disulfide	50.000	41.054	17.9	88	0.00
18	T	Methyl Acetate	50.000	47.917	4.2	99	0.00
19	T	Methyl tert-butyl Ether	50.000	48.356	3.3	98	0.00
20	T	Methylene Chloride	50.000	42.537	14.9	90	0.00
21	T	trans-1,2-Dichloroethene	50.000	45.139	9.7	94	0.00
22	T	Diisopropyl ether	50.000	47.391	5.2	95	0.00
23	T	Vinyl Acetate	250.000	231.023	7.6	92	0.00
24	P	1,1-Dichloroethane	50.000	46.588	6.8	95	0.00
25	T	2-Butanone	250.000	233.303	6.7	96	0.00
26	T	2,2-Dichloropropane	50.000	44.884	10.2	94	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.654	4.7	97	0.00
28	T	Bromochloromethane	50.000	49.396	1.2	99	0.00
29	T	Tetrahydrofuran	250.000	228.963	8.4	95	0.00
30	C	Chloroform	50.000	48.062	3.9#	95	0.00
31	T	Cyclohexane	50.000	42.256	15.5	85	0.00
32	T	1,1,1-Trichloroethane	50.000	46.880	6.2	94	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.695	-7.4	108	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35	S	Dibromofluoromethane	50.000	56.040	-12.1	112	0.00
36	T	1,1-Dichloropropene	50.000	43.803	12.4	90	0.00
37	T	Ethyl Acetate	50.000	46.498	7.0	98	0.00
38	T	Carbon Tetrachloride	50.000	45.928	8.1	92	0.00
39	T	Methylcyclohexane	50.000	41.178	17.6	86	0.00
40	TM	Benzene	50.000	45.516	9.0	94	0.00
41	T	Methacrylonitrile	50.000	53.736	-7.5	109	0.01
42	TM	1,2-Dichloroethane	50.000	46.990	6.0	96	0.00
43	T	Isopropyl Acetate	50.000	46.578	6.8	96	0.00
44	TM	Trichloroethene	50.000	47.031	5.9	97	0.00
45	C	1,2-Dichloropropane	50.000	46.689	6.6#	95	0.00
46	T	Dibromomethane	50.000	47.239	5.5	97	0.00
47	T	Bromodichloromethane	50.000	48.311	3.4	96	0.00
48	T	Methyl methacrylate	50.000	46.730	6.5	95	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	925.587	7.4	96	0.00
50	S	Toluene-d8	50.000	53.441	-6.9	108	0.00
51	T	4-Methyl-2-Pentanone	250.000	234.811	6.1	96	0.00
52	CM	Toluene	50.000	46.956	6.1#	96	0.00
53	T	t-1,3-Dichloropropene	50.000	50.311	-0.6	100	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.304	3.4	96	0.00
55	T	1,1,2-Trichloroethane	50.000	48.966	2.1	100	0.00
56	T	Ethyl methacrylate	50.000	50.508	-1.0	100	0.00
57	T	1,3-Dichloropropane	50.000	48.840	2.3	99	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	230.136	7.9	92	0.00
59	T	2-Hexanone	250.000	246.458	1.4	100	0.00
60	T	Dibromochloromethane	50.000	51.352	-2.7	102	0.00
61	T	1,2-Dibromoethane	50.000	48.675	2.7	100	0.00
62	S	4-Bromofluorobenzene	50.000	57.306	-14.6	117	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64	T	Tetrachloroethene	50.000	50.892	-1.8	104	0.00
65	PM	Chlorobenzene	50.000	47.184	5.6	99	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.472	1.1	102	0.00
67	C	Ethyl Benzene	50.000	46.715	6.6#	98	0.00
68	T	m/p-Xylenes	100.000	93.285	6.7	98	0.00
69	T	o-Xylene	50.000	47.951	4.1	100	0.00
70	T	Styrene	50.000	48.240	3.5	100	0.00
71	P	Bromoform	50.000	50.478	-1.0	104	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73	T	Isopropylbenzene	50.000	45.598	8.8	97	0.00
74	T	N-amyl acetate	50.000	46.367	7.3	99	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	45.820	8.4	99	0.00
76	T	1,2,3-Trichloropropane	50.000	46.218	7.6	101	0.00
77	T	Bromobenzene	50.000	47.436	5.1	102	0.00
78	T	n-propylbenzene	50.000	45.557	8.9	97	0.00
79	T	2-Chlorotoluene	50.000	46.605	6.8	100	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.083	5.8	101	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.806	4.4	100	0.00
82	T	4-Chlorotoluene	50.000	46.967	6.1	101	0.00
83	T	tert-Butylbenzene	50.000	46.227	7.5	99	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.034	5.9	100	0.00
85	T	sec-Butylbenzene	50.000	45.549	8.9	97	0.00
86	T	p-Isopropyltoluene	50.000	46.631	6.7	99	0.00
87	T	1,3-Dichlorobenzene	50.000	47.413	5.2	102	0.00
88	T	1,4-Dichlorobenzene	50.000	47.157	5.7	101	0.00
89	T	n-Butylbenzene	50.000	45.973	8.1	97	0.00
90	T	Hexachloroethane	50.000	48.023	4.0	102	0.00
91	T	1,2-Dichlorobenzene	50.000	47.577	4.8	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.323	3.4	105	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.409	1.2	103	0.00
94	T	Hexachlorobutadiene	50.000	47.218	5.6	98	0.00
95	T	Naphthalene	50.000	52.432	-4.9	109	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.803	2.4	102	0.00

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