Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051823\
Data File : VY013811.D
Acq On : 18 May 2023 19:36
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 19 03:23:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
Quant Title : SW846 8260
QLast Update : Thu May 18 06:54:18 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	50.566	-1.1	99	0.00
3	P	Chloromethane	50.000	40.714	18.6	82	0.00
4	C	Vinyl Chloride	50.000	42.463	15.1#	84	0.00
5	T	Bromomethane	50.000	36.399	27.2#	79	0.00
6	T	Chloroethane	50.000	40.409	19.2	82	0.00
7	T	Trichlorofluoromethane	50.000	52.022	-4.0	102	0.00
8	T	Diethyl Ether	50.000	47.641	4.7	90	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.039	7.9	92	0.00
10	T	Methyl Iodide	50.000	42.955	14.1	79	0.00
11	T	Tert butyl alcohol	250.000	273.558	-9.4	105	-0.01
12	CM	1,1-Dichloroethene	50.000	47.233	5.5#	91	0.00
13	T	Acrolein	250.000	196.607	21.4	75	0.00
14	T	Allyl chloride	50.000	44.380	11.2	84	0.00
15	T	Acrylonitrile	250.000	216.795	13.3	82	0.00
16	T	Acetone	250.000	180.041	28.0#	67	0.00
17	T	Carbon Disulfide	50.000	44.043	11.9	88	0.00
18	T	Methyl Acetate	50.000	41.820	16.4	80	0.00
19	T	Methyl tert-butyl Ether	50.000	48.052	3.9	88	0.00
20	T	Methylene Chloride	50.000	51.330	-2.7	95	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.900	4.2	92	0.00
22	T	Diisopropyl ether	50.000	45.563	8.9	84	0.00
23	T	Vinyl Acetate	250.000	225.307	9.9	81	0.00
24	P	1,1-Dichloroethane	50.000	45.667	8.7	88	0.00
25	T	2-Butanone	250.000	199.780	20.1	74	0.00
26	T	2,2-Dichloropropane	50.000	48.290	3.4	92	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.865	2.3	92	0.00
28	T	Bromochloromethane	50.000	41.235	17.5	83	0.00
29	T	Tetrahydrofuran	250.000	210.486	15.8	77	0.00
30	C	Chloroform	50.000	48.512	3.0#	93	0.00
31	T	Cyclohexane	50.000	41.783	16.4	85	0.00
32	T	1,1,1-Trichloroethane	50.000	50.646	-1.3	97	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.379	3.2	92	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35	S	Dibromofluoromethane	50.000	48.600	2.8	89	0.00
36	T	1,1-Dichloropropene	50.000	47.974	4.1	89	0.00
37	T	Ethyl Acetate	50.000	43.575	12.8	79	0.00
38	T	Carbon Tetrachloride	50.000	53.050	-6.1	100	0.00
39	T	Methylcyclohexane	50.000	47.513	5.0	89	0.00
40	TM	Benzene	50.000	48.738	2.5	91	0.00
41	T	Methacrylonitrile	50.000	50.804	-1.6	106	0.00
42	TM	1,2-Dichloroethane	50.000	52.018	-4.0	96	0.00
43	T	Isopropyl Acetate	50.000	44.245	11.5	79	0.00
44	TM	Trichloroethene	50.000	49.312	1.4	93	0.00
45	C	1,2-Dichloropropane	50.000	46.815	6.4#	86	0.00
46	T	Dibromomethane	50.000	47.884	4.2	87	0.00
47	T	Bromodichloromethane	50.000	50.086	-0.2	91	0.00
48	T	Methyl methacrylate	50.000	44.883	10.2	79	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	886.420	11.4	77	0.00
50	S	Toluene-d8	50.000	49.167	1.7	91	0.00
51	T	4-Methyl-2-Pentanone	250.000	221.853	11.3	78	0.00
52	CM	Toluene	50.000	50.157	-0.3#	91	0.00
53	T	t-1,3-Dichloropropene	50.000	49.076	1.8	89	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.566	2.9	89	0.00
55	T	1,1,2-Trichloroethane	50.000	48.516	3.0	89	0.00
56	T	Ethyl methacrylate	50.000	48.568	2.9	83	0.00
57	T	1,3-Dichloropropane	50.000	48.507	3.0	89	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	205.245	17.9	82	0.00
59	T	2-Hexanone	250.000	211.693	15.3	73	0.00
60	T	Dibromochloromethane	50.000	51.237	-2.5	93	0.00
61	T	1,2-Dibromoethane	50.000	48.075	3.8	87	0.00
62	S	4-Bromofluorobenzene	50.000	49.730	0.5	90	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64	T	Tetrachloroethene	50.000	50.087	-0.2	95	0.00
65	PM	Chlorobenzene	50.000	50.121	-0.2	94	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.284	-2.6	94	0.00
67	C	Ethyl Benzene	50.000	50.605	-1.2#	92	0.00
68	T	m/p-Xylenes	100.000	102.468	-2.5	92	0.00
69	T	o-Xylene	50.000	51.513	-3.0	93	0.00
70	T	Styrene	50.000	52.708	-5.4	94	0.00
71	P	Bromoform	50.000	50.257	-0.5	90	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73	T	Isopropylbenzene	50.000	50.125	-0.3	92	0.00
74	T	N-amyl acetate	50.000	43.005	14.0	77	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	44.424	11.2	82	0.00
76	T	1,2,3-Trichloropropane	50.000	48.692	2.6	91	0.00
77	T	Bromobenzene	50.000	50.656	-1.3	95	0.00
78	T	n-propylbenzene	50.000	49.977	0.0	91	0.00
79	T	2-Chlorotoluene	50.000	49.525	1.0	92	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.045	-2.1	94	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	44.510	11.0	80	0.00
82	T	4-Chlorotoluene	50.000	49.412	1.2	92	0.00
83	T	tert-Butylbenzene	50.000	52.330	-4.7	97	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.341	-2.7	94	0.00
85	T	sec-Butylbenzene	50.000	50.065	-0.1	93	0.00
86	T	p-Isopropyltoluene	50.000	51.154	-2.3	94	0.00
87	T	1,3-Dichlorobenzene	50.000	50.290	-0.6	95	0.00
88	T	1,4-Dichlorobenzene	50.000	48.727	2.5	93	0.00
89	T	n-Butylbenzene	50.000	49.002	2.0	91	0.00
90	T	Hexachloroethane	50.000	47.830	4.3	92	0.00
91	T	1,2-Dichlorobenzene	50.000	50.624	-1.2	94	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.516	9.0	84	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.115	-0.2	97	0.00
94	T	Hexachlorobutadiene	50.000	49.530	0.9	98	0.00
95	T	Naphthalene	50.000	49.542	0.9	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.945	0.1	97	0.00

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