Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063023\
Data File : VY014518.D
Acq On : 30 Jun 2023 15:48
Operator : KP/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY063023

Quant Time: Jun 30 23:17:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 30 19:02:11 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	103	0.00
2	T	Dichlorodifluoromethane	50.000	47.014	6.0	97	0.00
3	P	Chloromethane	50.000	45.832	8.3	99	0.00
4	C	Vinyl Chloride	50.000	46.111	7.8#	99	0.00
5	T	Bromomethane	50.000	45.622	8.8	103	-0.02
6	T	Chloroethane	50.000	47.439	5.1	100	-0.01
7	T	Trichlorofluoromethane	50.000	46.449	7.1	99	-0.02
8	T	Diethyl Ether	50.000	47.082	5.8	97	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.120	7.8	99	-0.02
10	T	Methyl Iodide	50.000	52.045	-4.1	101	-0.01
11	T	Tert butyl alcohol	250.000	187.679	24.9	80	-0.02
12	CM	1,1-Dichloroethene	50.000	47.936	4.1#	99	-0.01
13	T	Acrolein	250.000	206.201	17.5	84	0.00
14	T	Allyl chloride	50.000	48.909	2.2	100	-0.01
15	T	Acrylonitrile	250.000	217.201	13.1	86	-0.02
16	T	Acetone	250.000	237.529	5.0	97	-0.01
17	T	Carbon Disulfide	50.000	48.631	2.7	101	-0.01
18	T	Methyl Acetate	50.000	41.712	16.6	86	-0.01
19	T	Methyl tert-butyl Ether	50.000	48.432	3.1	96	-0.01
20	T	Methylene Chloride	50.000	51.982	-4.0	103	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.604	0.8	101	-0.01
22	T	Diisopropyl ether	50.000	50.503	-1.0	99	0.00
23	T	Vinyl Acetate	250.000	245.385	1.8	93	-0.01
24	P	1,1-Dichloroethane	50.000	48.748	2.5	100	-0.01
25	T	2-Butanone	250.000	220.622	11.8	86	-0.01
26	T	2,2-Dichloropropane	50.000	49.729	0.5	105	-0.01
27	T	cis-1,2-Dichloroethene	50.000	50.427	-0.9	102	0.00
28	T	Bromochloromethane	50.000	47.932	4.1	98	0.00
29	T	Tetrahydrofuran	250.000	214.461	14.2	81	-0.01
30	C	Chloroform	50.000	49.169	1.7#	102	-0.01
31	T	Cyclohexane	50.000	46.045	7.9	98	0.00
32	T	1,1,1-Trichloroethane	50.000	48.504	3.0	101	-0.01
33	S	1,2-Dichloroethane-d4	50.000	47.903	4.2	98	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35	S	Dibromofluoromethane	50.000	51.110	-2.2	102	0.00
36	T	1,1-Dichloropropene	50.000	49.552	0.9	101	-0.01
37	T	Ethyl Acetate	50.000	43.850	12.3	86	0.00
38	T	Carbon Tetrachloride	50.000	49.135	1.7	101	0.00
39	T	Methylcyclohexane	50.000	49.654	0.7	100	0.00
40	TM	Benzene	50.000	49.718	0.6	101	0.00
41	T	Methacrylonitrile	50.000	44.915	10.2	88	0.00
42	TM	1,2-Dichloroethane	50.000	47.837	4.3	97	0.00
43	T	Isopropyl Acetate	50.000	45.360	9.3	88	-0.01
44	TM	Trichloroethene	50.000	50.102	-0.2	103	0.00
45	C	1,2-Dichloropropane	50.000	49.277	1.4#	100	0.00
46	T	Dibromomethane	50.000	47.513	5.0	96	0.00
47	T	Bromodichloromethane	50.000	49.315	1.4	100	0.00
48	T	Methyl methacrylate	50.000	48.257	3.5	92	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	861.860	13.8	78	-0.02
50	S	Toluene-d8	50.000	50.405	-0.8	102	0.00
51	T	4-Methyl-2-Pentanone	250.000	219.223	12.3	84	0.00
52	CM	Toluene	50.000	50.762	-1.5#	102	0.00
53	T	t-1,3-Dichloropropene	50.000	49.811	0.4	98	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.623	-1.2	101	0.00
55	T	1,1,2-Trichloroethane	50.000	47.895	4.2	95	0.00
56	T	Ethyl methacrylate	50.000	48.453	3.1	93	0.00
57	T	1,3-Dichloropropane	50.000	48.252	3.5	97	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	241.765	3.3	90	0.00
59	T	2-Hexanone	250.000	222.873	10.9	84	0.00
60	T	Dibromochloromethane	50.000	49.301	1.4	99	0.00
61	T	1,2-Dibromoethane	50.000	48.000	4.0	95	0.00
62	S	4-Bromofluorobenzene	50.000	50.512	-1.0	101	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64	T	Tetrachloroethene	50.000	48.359	3.3	100	0.00
65	PM	Chlorobenzene	50.000	49.967	0.1	102	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.244	-0.5	102	0.00
67	C	Ethyl Benzene	50.000	51.413	-2.8#	103	0.00
68	T	m/p-Xylenes	100.000	103.549	-3.5	103	0.00
69	T	o-Xylene	50.000	51.636	-3.3	102	0.00
70	T	Styrene	50.000	51.579	-3.2	100	0.00
71	P	Bromoform	50.000	47.272	5.5	94	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73	T	Isopropylbenzene	50.000	52.288	-4.6	103	0.00
74	T	N-amyl acetate	50.000	46.686	6.6	89	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	45.954	8.1	91	0.00
76	T	1,2,3-Trichloropropane	50.000	45.070	9.9	90	0.00
77	T	Bromobenzene	50.000	50.819	-1.6	101	0.00
78	T	n-propylbenzene	50.000	52.235	-4.5	103	0.00
79	T	2-Chlorotoluene	50.000	51.723	-3.4	103	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.968	-5.9	104	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.571	6.9	92	0.00
82	T	4-Chlorotoluene	50.000	51.322	-2.6	103	0.00
83	T	tert-Butylbenzene	50.000	52.746	-5.5	104	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.978	-6.0	103	0.00
85	T	sec-Butylbenzene	50.000	52.286	-4.6	104	0.00
86	T	p-Isopropyltoluene	50.000	53.479	-7.0	105	0.00
87	T	1,3-Dichlorobenzene	50.000	51.154	-2.3	104	0.00
88	T	1,4-Dichlorobenzene	50.000	50.415	-0.8	103	0.00
89	T	n-Butylbenzene	50.000	52.745	-5.5	105	0.00
90	T	Hexachloroethane	50.000	50.616	-1.2	104	0.00
91	T	1,2-Dichlorobenzene	50.000	50.760	-1.5	103	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	43.253	13.5	86	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.073	-8.1	107	0.00
94	T	Hexachlorobutadiene	50.000	52.793	-5.6	108	0.00
95	T	Naphthalene	50.000	50.585	-1.2	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.214	-6.4	105	0.00

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