Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110823\
Data File : VY016260.D
Acq On : 08 Nov 2023 12:29
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY110823

Quant Time: Nov 09 00:57:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 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	111	0.00
2	T	Dichlorodifluoromethane	50.000	47.140	5.7	112	0.00
3	P	Chloromethane	50.000	45.729	8.5	108	0.00
4	C	Vinyl Chloride	50.000	47.242	5.5#	110	0.00
5	T	Bromomethane	50.000	48.344	3.3	113	0.00
6	T	Chloroethane	50.000	47.383	5.2	110	0.00
7	T	Trichlorofluoromethane	50.000	48.016	4.0	107	0.00
8	T	Diethyl Ether	50.000	46.685	6.6	104	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.007	4.0	111	0.00
10	T	Methyl Iodide	50.000	48.679	2.6	106	0.00
11	T	Tert butyl alcohol	250.000	200.519	19.8	92	-0.01
12	CM	1,1-Dichloroethene	50.000	48.205	3.6#	110	0.00
13	T	Acrolein	250.000	204.891	18.0	89	0.00
14	T	Allyl chloride	50.000	48.878	2.2	108	0.00
15	T	Acrylonitrile	250.000	227.130	9.1	99	0.00
16	T	Acetone	250.000	209.423	16.2	97	0.00
17	T	Carbon Disulfide	50.000	48.023	4.0	109	0.00
18	T	Methyl Acetate	50.000	45.107	9.8	99	0.00
19	T	Methyl tert-butyl Ether	50.000	46.643	6.7	102	0.00
20	T	Methylene Chloride	50.000	48.820	2.4	105	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.172	3.7	110	0.00
22	T	Diisopropyl ether	50.000	48.053	3.9	105	0.00
23	T	Vinyl Acetate	250.000	239.021	4.4	102	0.00
24	P	1,1-Dichloroethane	50.000	48.004	4.0	108	0.00
25	T	2-Butanone	250.000	221.073	11.6	98	0.00
26	T	2,2-Dichloropropane	50.000	48.877	2.2	110	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.923	4.2	107	0.00
28	T	Bromochloromethane	50.000	46.708	6.6	105	0.00
29	T	Tetrahydrofuran	250.000	228.111	8.8	97	0.00
30	C	Chloroform	50.000	47.729	4.5#	108	0.00
31	T	Cyclohexane	50.000	47.263	5.5	111	0.00
32	T	1,1,1-Trichloroethane	50.000	48.773	2.5	110	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.464	3.1	110	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	108	0.00
35	S	Dibromofluoromethane	50.000	51.465	-2.9	112	0.00
36	T	1,1-Dichloropropene	50.000	50.765	-1.5	110	0.00
37	T	Ethyl Acetate	50.000	45.226	9.5	97	0.00
38	T	Carbon Tetrachloride	50.000	51.059	-2.1	110	0.00
39	T	Methylcyclohexane	50.000	50.978	-2.0	109	0.00
40	TM	Benzene	50.000	50.114	-0.2	108	0.00
41	T	Methacrylonitrile	50.000	47.273	5.5	105	0.00
42	TM	1,2-Dichloroethane	50.000	49.134	1.7	104	0.00
43	T	Isopropyl Acetate	50.000	47.473	5.1	99	0.00
44	TM	Trichloroethene	50.000	50.038	-0.1	109	0.00
45	C	1,2-Dichloropropane	50.000	50.200	-0.4#	106	0.00
46	T	Dibromomethane	50.000	49.138	1.7	104	0.00
47	T	Bromodichloromethane	50.000	49.482	1.0	106	0.00
48	T	Methyl methacrylate	50.000	48.005	4.0	98	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	913.493	8.7	94	0.00
50	S	Toluene-d8	50.000	52.658	-5.3	115	0.00
51	T	4-Methyl-2-Pentanone	250.000	234.038	6.4	97	0.00
52	CM	Toluene	50.000	50.657	-1.3#	109	0.00
53	T	t-1,3-Dichloropropene	50.000	49.887	0.2	105	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.818	0.4	105	0.00
55	T	1,1,2-Trichloroethane	50.000	48.397	3.2	102	0.00
56	T	Ethyl methacrylate	50.000	49.190	1.6	99	0.00
57	T	1,3-Dichloropropane	50.000	48.694	2.6	101	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	239.874	4.1	93	0.00
59	T	2-Hexanone	250.000	217.641	12.9	96	0.00
60	T	Dibromochloromethane	50.000	50.015	-0.0	104	0.00
61	T	1,2-Dibromoethane	50.000	49.334	1.3	104	0.00
62	S	4-Bromofluorobenzene	50.000	52.284	-4.6	114	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	106	0.00
64	T	Tetrachloroethene	50.000	50.325	-0.7	106	0.00
65	PM	Chlorobenzene	50.000	50.665	-1.3	107	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.645	-1.3	106	0.00
67	C	Ethyl Benzene	50.000	51.656	-3.3#	108	0.00
68	T	m/p-Xylenes	100.000	104.094	-4.1	108	0.00
69	T	o-Xylene	50.000	51.545	-3.1	105	0.00
70	T	Styrene	50.000	52.138	-4.3	107	0.00
71	P	Bromoform	50.000	50.034	-0.1	103	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	108	0.00
73	T	Isopropylbenzene	50.000	50.625	-1.3	109	0.00
74	T	N-amyl acetate	50.000	47.900	4.2	98	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.529	6.9	100	0.00
76	T	1,2,3-Trichloropropane	50.000	44.851	10.3	102	0.00
77	T	Bromobenzene	50.000	48.779	2.4	104	0.00
78	T	n-propylbenzene	50.000	50.465	-0.9	108	0.00
79	T	2-Chlorotoluene	50.000	49.813	0.4	106	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.646	-1.3	108	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.830	2.3	104	0.00
82	T	4-Chlorotoluene	50.000	49.567	0.9	107	0.00
83	T	tert-Butylbenzene	50.000	50.438	-0.9	107	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.857	0.3	106	0.00
85	T	sec-Butylbenzene	50.000	50.794	-1.6	109	0.00
86	T	p-Isopropyltoluene	50.000	50.693	-1.4	108	0.00
87	T	1,3-Dichlorobenzene	50.000	48.697	2.6	106	0.00
88	T	1,4-Dichlorobenzene	50.000	49.024	2.0	106	0.00
89	T	n-Butylbenzene	50.000	51.034	-2.1	107	0.00
90	T	Hexachloroethane	50.000	49.437	1.1	107	0.00
91	T	1,2-Dichlorobenzene	50.000	48.148	3.7	104	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	42.633	14.7	96	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.765	0.5	107	0.00
94	T	Hexachlorobutadiene	50.000	48.543	2.9	106	0.00
95	T	Naphthalene	50.000	47.816	4.4	102	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.453	3.1	108	0.00

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