Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011623\
Data File : VY012201.D
Acq On : 16 Jan 2023 15:21
Operator : KP/MD
Sample : VSTDICV050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY011623

Quant Time: Jan 16 17:31:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Mon Jan 16 14:54:53 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	113	0.00
2	T	Dichlorodifluoromethane	50.000	45.312	9.4	120	0.00
3	P	Chloromethane	50.000	48.497	3.0	120	0.00
4	C	Vinyl Chloride	50.000	47.692	4.6#	117	0.00
5	T	Bromomethane	50.000	49.343	1.3	122	0.00
6	T	Chloroethane	50.000	47.816	4.4	116	0.00
7	T	Trichlorofluoromethane	50.000	46.237	7.5	114	0.00
8	T	Diethyl Ether	50.000	47.622	4.8	114	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.012	2.0	122	0.00
10	T	Methyl Iodide	50.000	42.614	14.8	96	0.00
11	T	Tert butyl alcohol	250.000	235.151	5.9	114	0.00
12	CM	1,1-Dichloroethene	50.000	49.041	1.9#	116	0.00
13	T	Acrolein	250.000	169.677	32.1#	110	0.00
14	T	Allyl chloride	50.000	51.802	-3.6	122	0.00
15	T	Acrylonitrile	250.000	253.831	-1.5	117	0.00
16	T	Acetone	250.000	258.836	-3.5	106	0.00
17	T	Carbon Disulfide	50.000	49.073	1.9	118	0.00
18	T	Methyl Acetate	50.000	50.051	-0.1	117	0.00
19	T	Methyl tert-butyl Ether	50.000	49.120	1.8	111	0.00
20	T	Methylene Chloride	50.000	50.066	-0.1	116	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.322	1.4	116	0.00
22	T	Diisopropyl ether	50.000	51.649	-3.3	121	0.00
23	T	Vinyl Acetate	250.000	261.229	-4.5	119	0.00
24	P	1,1-Dichloroethane	50.000	50.139	-0.3	117	0.00
25	T	2-Butanone	250.000	257.755	-3.1	114	0.00
26	T	2,2-Dichloropropane	50.000	47.870	4.3	114	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.756	2.5	113	0.00
28	T	Bromochloromethane	50.000	47.732	4.5	116	0.00
29	T	Tetrahydrofuran	250.000	262.673	-5.1	118	0.00
30	C	Chloroform	50.000	48.085	3.8#	112	0.00
31	T	Cyclohexane	50.000	47.876	4.2	125	0.00
32	T	1,1,1-Trichloroethane	50.000	48.157	3.7	113	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.978	6.0	108	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	113	0.00
35	S	Dibromofluoromethane	50.000	46.077	7.8	114	0.00
36	T	1,1-Dichloropropene	50.000	49.073	1.9	117	0.00
37	T	Ethyl Acetate	50.000	49.973	0.1	114	0.00
38	T	Carbon Tetrachloride	50.000	47.298	5.4	113	0.00
39	T	Methylcyclohexane	50.000	51.131	-2.3	124	0.00
40	TM	Benzene	50.000	48.806	2.4	116	0.00
41	T	Methacrylonitrile	50.000	39.088	21.8	103	-0.01
42	TM	1,2-Dichloroethane	50.000	47.498	5.0	109	0.00
43	T	Isopropyl Acetate	50.000	51.866	-3.7	117	0.00
44	TM	Trichloroethene	50.000	48.572	2.9	114	0.00
45	C	1,2-Dichloropropane	50.000	50.643	-1.3#	119	0.00
46	T	Dibromomethane	50.000	49.029	1.9	112	0.00
47	T	Bromodichloromethane	50.000	49.362	1.3	114	0.00
48	T	Methyl methacrylate	50.000	51.670	-3.3	113	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	945.728	5.4	102	0.00
50	S	Toluene-d8	50.000	48.273	3.5	113	0.00
51	T	4-Methyl-2-Pentanone	250.000	261.813	-4.7	117	0.00
52	CM	Toluene	50.000	48.787	2.4#	114	0.00
53	T	t-1,3-Dichloropropene	50.000	49.495	1.0	112	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.773	0.5	114	0.00
55	T	1,1,2-Trichloroethane	50.000	49.500	1.0	113	0.00
56	T	Ethyl methacrylate	50.000	50.968	-1.9	113	0.00
57	T	1,3-Dichloropropane	50.000	50.143	-0.3	115	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	243.884	2.4	114	0.00
59	T	2-Hexanone	250.000	266.500	-6.6	114	0.00
60	T	Dibromochloromethane	50.000	48.711	2.6	110	0.00
61	T	1,2-Dibromoethane	50.000	49.674	0.7	113	0.00
62	S	4-Bromofluorobenzene	50.000	44.919	10.2	114	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	113	0.00
64	T	Tetrachloroethene	50.000	48.514	3.0	111	0.00
65	PM	Chlorobenzene	50.000	48.605	2.8	114	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.232	3.5	110	0.00
67	C	Ethyl Benzene	50.000	49.627	0.7#	115	0.00
68	T	m/p-Xylenes	100.000	98.617	1.4	114	0.00
69	T	o-Xylene	50.000	48.878	2.2	113	0.00
70	T	Styrene	50.000	49.169	1.7	112	0.00
71	P	Bromoform	50.000	48.927	2.1	110	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	112	0.00
73	T	Isopropylbenzene	50.000	49.845	0.3	115	0.00
74	T	N-amyl acetate	50.000	52.369	-4.7	116	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.247	-2.5	116	0.00
76	T	1,2,3-Trichloropropane	50.000	34.629	30.7#	90	0.00
77	T	Bromobenzene	50.000	48.485	3.0	110	0.00
78	T	n-propylbenzene	50.000	49.612	0.8	116	0.00
79	T	2-Chlorotoluene	50.000	49.538	0.9	115	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.330	1.3	115	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.780	-1.6	112	0.00
82	T	4-Chlorotoluene	50.000	49.014	2.0	115	0.00
83	T	tert-Butylbenzene	50.000	50.048	-0.1	119	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.490	1.0	113	0.00
85	T	sec-Butylbenzene	50.000	49.623	0.8	117	0.00
86	T	p-Isopropyltoluene	50.000	49.759	0.5	117	0.00
87	T	1,3-Dichlorobenzene	50.000	48.414	3.2	112	0.00
88	T	1,4-Dichlorobenzene	50.000	48.240	3.5	113	0.00
89	T	n-Butylbenzene	50.000	50.492	-1.0	119	0.00
90	T	Hexachloroethane	50.000	48.802	2.4	115	0.00
91	T	1,2-Dichlorobenzene	50.000	47.603	4.8	110	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.263	3.5	109	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.397	1.2	117	0.00
94	T	Hexachlorobutadiene	50.000	49.393	1.2	120	0.00
95	T	Naphthalene	50.000	49.666	0.7	112	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.769	2.5	116	0.00

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