Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
Data File : VY016034.D
Acq On : 19 Oct 2023 11:51
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 20 05:34:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 19 03:15:44 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	46.360	7.3	90	0.00
3	P	Chloromethane	50.000	47.179	5.6	91	0.00
4	C	Vinyl Chloride	50.000	45.950	8.1#	90	0.00
5	T	Bromomethane	50.000	43.856	12.3	86	0.02
6	T	Chloroethane	50.000	47.132	5.7	90	0.00
7	T	Trichlorofluoromethane	50.000	52.719	-5.4	107	0.00
8	T	Diethyl Ether	50.000	52.018	-4.0	104	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.499	3.0	98	0.00
10	T	Methyl Iodide	50.000	46.154	7.7	89	0.00
11	T	Tert butyl alcohol	250.000	341.526	-36.6#	145	0.09
12	CM	1,1-Dichloroethene	50.000	49.437	1.1#	99	0.00
13	T	Acrolein	250.000	323.251	-29.3#	125	0.01
14	T	Allyl chloride	50.000	47.199	5.6	94	0.00
15	T	Acrylonitrile	250.000	283.275	-13.3	110	0.01
16	T	Acetone	250.000	300.189	-20.1	115	0.04
17	T	Carbon Disulfide	50.000	46.278	7.4	92	0.00
18	T	Methyl Acetate	50.000	52.998	-6.0	101	0.02
19	T	Methyl tert-butyl Ether	50.000	46.260	7.5	90	0.00
20	T	Methylene Chloride	50.000	43.196	13.6	95	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.402	7.2	92	0.00
22	T	Diisopropyl ether	50.000	45.921	8.2	88	0.00
23	T	Vinyl Acetate	250.000	239.619	4.2	92	0.00
24	P	1,1-Dichloroethane	50.000	46.147	7.7	92	0.00
25	T	2-Butanone	250.000	270.746	-8.3	105	0.01
26	T	2,2-Dichloropropane	50.000	45.062	9.9	92	0.00
27	T	cis-1,2-Dichloroethene	50.000	45.020	10.0	89	0.00
28	T	Bromochloromethane	50.000	50.163	-0.3	93	0.00
29	T	Tetrahydrofuran	250.000	299.085	-19.6	113	0.01
30	C	Chloroform	50.000	45.358	9.3#	90	0.00
31	T	Cyclohexane	50.000	44.173	11.7	91	0.00
32	T	1,1,1-Trichloroethane	50.000	45.964	8.1	91	0.00
33	S	1,2-Dichloroethane-d4	50.000	41.067	17.9	88	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35	S	Dibromofluoromethane	50.000	42.178	15.6	88	0.00
36	T	1,1-Dichloropropene	50.000	46.281	7.4	90	0.00
37	T	Ethyl Acetate	50.000	47.578	4.8	91	0.01
38	T	Carbon Tetrachloride	50.000	46.852	6.3	92	0.00
39	T	Methylcyclohexane	50.000	46.112	7.8	90	0.00
40	TM	Benzene	50.000	46.664	6.7	91	0.00
41	T	Methacrylonitrile	50.000	50.127	-0.3	91	0.00
42	TM	1,2-Dichloroethane	50.000	46.297	7.4	90	0.00
43	T	Isopropyl Acetate	50.000	53.482	-7.0	100	0.00
44	TM	Trichloroethene	50.000	49.719	0.6	98	0.00
45	C	1,2-Dichloropropane	50.000	47.504	5.0#	93	0.00
46	T	Dibromomethane	50.000	47.904	4.2	91	0.00
47	T	Bromodichloromethane	50.000	46.956	6.1	90	0.00
48	T	Methyl methacrylate	50.000	52.124	-4.2	96	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	996.163	0.4	86	0.05
50	S	Toluene-d8	50.000	43.351	13.3	90	0.00
51	T	4-Methyl-2-Pentanone	250.000	365.698	-46.3#	136	0.00
52	CM	Toluene	50.000	47.086	5.8#	90	0.00
53	T	t-1,3-Dichloropropene	50.000	49.028	1.9	92	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.248	3.5	92	0.00
55	T	1,1,2-Trichloroethane	50.000	51.629	-3.3	98	0.00
56	T	Ethyl methacrylate	50.000	55.883	-11.8	102	0.00
57	T	1,3-Dichloropropane	50.000	50.594	-1.2	96	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	280.595	-12.2	105	0.00
59	T	2-Hexanone	250.000	397.491	-59.0#	147	0.00
60	T	Dibromochloromethane	50.000	50.618	-1.2	97	0.00
61	T	1,2-Dibromoethane	50.000	53.490	-7.0	102	0.00
62	S	4-Bromofluorobenzene	50.000	43.465	13.1	89	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64	T	Tetrachloroethene	50.000	49.788	0.4	98	0.00
65	PM	Chlorobenzene	50.000	46.491	7.0	89	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	47.048	5.9	91	0.00
67	C	Ethyl Benzene	50.000	47.177	5.6#	90	0.00
68	T	m/p-Xylenes	100.000	93.389	6.6	89	0.00
69	T	o-Xylene	50.000	46.632	6.7	89	0.00
70	T	Styrene	50.000	47.136	5.7	90	0.00
71	P	Bromoform	50.000	54.673	-9.3	102	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73	T	Isopropylbenzene	50.000	46.324	7.4	89	0.00
74	T	N-amyl acetate	50.000	58.655	-17.3	108	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.912	-9.8	105	0.00
76	T	1,2,3-Trichloropropane	50.000	53.950	-7.9	102	0.00
77	T	Bromobenzene	50.000	46.657	6.7	90	0.00
78	T	n-propylbenzene	50.000	46.132	7.7	88	0.00
79	T	2-Chlorotoluene	50.000	46.193	7.6	88	0.00
80	T	1,3,5-Trimethylbenzene	50.000	46.250	7.5	88	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	61.787	-23.6	116	0.00
82	T	4-Chlorotoluene	50.000	46.067	7.9	87	0.00
83	T	tert-Butylbenzene	50.000	45.254	9.5	86	0.00
84	T	1,2,4-Trimethylbenzene	50.000	46.074	7.9	87	0.00
85	T	sec-Butylbenzene	50.000	45.665	8.7	86	0.00
86	T	p-Isopropyltoluene	50.000	45.400	9.2	85	0.00
87	T	1,3-Dichlorobenzene	50.000	46.328	7.3	88	0.00
88	T	1,4-Dichlorobenzene	50.000	45.773	8.5	88	0.00
89	T	n-Butylbenzene	50.000	45.313	9.4	85	0.00
90	T	Hexachloroethane	50.000	45.697	8.6	87	0.00
91	T	1,2-Dichlorobenzene	50.000	46.978	6.0	90	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	72.102	-44.2#	141	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.159	7.7	87	0.00
94	T	Hexachlorobutadiene	50.000	42.485	15.0	82	0.00
95	T	Naphthalene	50.000	58.555	-17.1	109	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.500	5.0	89	0.00

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