Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
Data File : VY007718.D
Acq On : 03 Mar 2022 21:25
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Mar 04 00:44:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 01 09:08:03 2022
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	109	0.00
2	T	Dichlorodifluoromethane	50.000	52.285	-4.6	113	0.00
3	P	Chloromethane	50.000	48.150	3.7	101	0.00
4	C	Vinyl Chloride	50.000	49.978	0.0#	114	0.00
5	T	Bromomethane	50.000	56.351	-12.7	143	0.00
6	T	Chloroethane	50.000	51.484	-3.0	123	0.00
7	T	Trichlorofluoromethane	50.000	51.626	-3.3	122	0.00
8	T	Diethyl Ether	50.000	51.278	-2.6	115	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.393	-0.8	115	0.00
10	T	Methyl Iodide	50.000	51.632	-3.3	117	0.00
11	T	Tert butyl alcohol	250.000	243.523	2.6	105	0.00
12	CM	1,1-Dichloroethene	50.000	49.811	0.4#	115	0.00
13	T	Acrolein	250.000	198.828	20.5	90	0.00
14	T	Allyl chloride	50.000	43.693	12.6	97	0.00
15	T	Acrylonitrile	250.000	232.196	7.1	101	0.00
16	T	Acetone	250.000	222.413	11.0	100	0.00
17	T	Carbon Disulfide	50.000	49.183	1.6	106	0.00
18	T	Methyl Acetate	50.000	43.885	12.2	96	0.00
19	T	Methyl tert-butyl Ether	50.000	51.918	-3.8	114	0.00
20	T	Methylene Chloride	50.000	58.401	-16.8	123	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.887	0.2	116	0.00
22	T	Diisopropyl ether	50.000	48.575	2.8	107	0.00
23	T	Vinyl Acetate	250.000	250.828	-0.3	105	0.00
24	P	1,1-Dichloroethane	50.000	49.704	0.6	112	0.00
25	T	2-Butanone	250.000	233.497	6.6	100	0.00
26	T	2,2-Dichloropropane	50.000	49.808	0.4	109	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.177	-2.4	113	0.00
28	T	Bromochloromethane	50.000	43.386	13.2	96	0.00
29	T	Tetrahydrofuran	250.000	222.796	10.9	96	0.00
30	C	Chloroform	50.000	51.841	-3.7#	115	0.00
31	T	Cyclohexane	50.000	48.241	3.5	102	0.00
32	T	1,1,1-Trichloroethane	50.000	52.792	-5.6	117	0.00
33	S	1,2-Dichloroethane-d4	50.000	41.807	16.4	97	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	108	0.00
35	S	Dibromofluoromethane	50.000	46.343	7.3	104	0.00
36	T	1,1-Dichloropropene	50.000	49.097	1.8	109	0.00
37	T	Ethyl Acetate	50.000	45.868	8.3	97	0.00
38	T	Carbon Tetrachloride	50.000	53.136	-6.3	117	0.00
39	T	Methylcyclohexane	50.000	48.823	2.4	108	0.00
40	TM	Benzene	50.000	50.999	-2.0	110	0.00
41	T	Methacrylonitrile	50.000	46.922	6.2	94	0.00
42	TM	1,2-Dichloroethane	50.000	51.438	-2.9	111	0.00
43	T	Isopropyl Acetate	50.000	48.837	2.3	102	0.00
44	TM	Trichloroethene	50.000	51.943	-3.9	114	0.00
45	C	1,2-Dichloropropane	50.000	50.520	-1.0#	110	0.00
46	T	Dibromomethane	50.000	52.438	-4.9	112	0.00
47	T	Bromodichloromethane	50.000	53.898	-7.8	115	0.00
48	T	Methyl methacrylate	50.000	47.384	5.2	100	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	988.786	1.1	103	0.00
50	S	Toluene-d8	50.000	43.129	13.7	99	0.00
51	T	4-Methyl-2-Pentanone	250.000	241.492	3.4	100	0.00
52	CM	Toluene	50.000	51.376	-2.8#	111	0.00
53	T	t-1,3-Dichloropropene	50.000	52.101	-4.2	109	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.850	-3.7	110	0.00
55	T	1,1,2-Trichloroethane	50.000	53.590	-7.2	113	0.00
56	T	Ethyl methacrylate	50.000	52.786	-5.6	108	0.00
57	T	1,3-Dichloropropane	50.000	52.259	-4.5	111	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	247.690	0.9	99	0.00
59	T	2-Hexanone	250.000	241.843	3.3	97	0.00
60	T	Dibromochloromethane	50.000	57.455	-14.9	119	0.00
61	T	1,2-Dibromoethane	50.000	53.999	-8.0	113	0.00
62	S	4-Bromofluorobenzene	50.000	45.030	9.9	101	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	107	0.00
64	T	Tetrachloroethene	50.000	52.000	-4.0	115	0.00
65	PM	Chlorobenzene	50.000	53.268	-6.5	115	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	56.872	-13.7	119	0.00
67	C	Ethyl Benzene	50.000	52.581	-5.2#	114	0.00
68	T	m/p-Xylenes	100.000	108.243	-8.2	115	0.00
69	T	o-Xylene	50.000	53.968	-7.9	115	0.00
70	T	Styrene	50.000	54.529	-9.1	114	0.00
71	P	Bromoform	50.000	56.427	-12.9	117	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	106	0.00
73	T	Isopropylbenzene	50.000	53.332	-6.7	114	0.00
74	T	N-amyl acetate	50.000	49.186	1.6	102	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.102	-2.2	108	0.00
76	T	1,2,3-Trichloropropane	50.000	53.171	-6.3	111	0.00
77	T	Bromobenzene	50.000	54.765	-9.5	117	0.00
78	T	n-propylbenzene	50.000	52.534	-5.1	112	0.00
79	T	2-Chlorotoluene	50.000	53.812	-7.6	115	0.00
80	T	1,3,5-Trimethylbenzene	50.000	55.164	-10.3	116	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.450	1.1	103	0.00
82	T	4-Chlorotoluene	50.000	53.162	-6.3	113	0.00
83	T	tert-Butylbenzene	50.000	53.904	-7.8	113	0.00
84	T	1,2,4-Trimethylbenzene	50.000	59.895	-19.8	126	0.00
85	T	sec-Butylbenzene	50.000	53.539	-7.1	113	0.00
86	T	p-Isopropyltoluene	50.000	54.159	-8.3	113	0.00
87	T	1,3-Dichlorobenzene	50.000	55.479	-11.0	118	0.00
88	T	1,4-Dichlorobenzene	50.000	54.022	-8.0	116	0.00
89	T	n-Butylbenzene	50.000	52.409	-4.8	110	0.00
90	T	Hexachloroethane	50.000	55.750	-11.5	119	0.00
91	T	1,2-Dichlorobenzene	50.000	54.921	-9.8	116	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.323	3.4	102	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.057	-6.1	111	0.00
94	T	Hexachlorobutadiene	50.000	53.427	-6.9	111	0.00
95	T	Naphthalene	50.000	55.806	-11.6	115	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.703	-3.4	109	0.00

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