Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112222\
Data File : VY011538.D
Acq On : 22 Nov 2022 10:26
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Nov 23 04:05:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 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	108	0.00
2	T	Dichlorodifluoromethane	50.000	48.278	3.4	107	0.00
3	P	Chloromethane	50.000	52.802	-5.6	111	0.00
4	C	Vinyl Chloride	50.000	47.756	4.5#	111	0.00
5	T	Bromomethane	50.000	52.025	-4.0	111	0.00
6	T	Chloroethane	50.000	46.030	7.9	107	0.00
7	T	Trichlorofluoromethane	50.000	49.378	1.2	116	0.00
8	T	Diethyl Ether	50.000	51.766	-3.5	119	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.389	-2.8	117	0.00
10	T	Methyl Iodide	50.000	50.856	-1.7	104	0.00
11	T	Tert butyl alcohol	250.000	208.306	16.7	101	0.00
12	CM	1,1-Dichloroethene	50.000	52.050	-4.1#	117	0.00
13	T	Acrolein	250.000	204.644	18.1	142	0.00
14	T	Allyl chloride	50.000	54.901	-9.8	119	0.00
15	T	Acrylonitrile	250.000	253.071	-1.2	115	0.00
16	T	Acetone	250.000	263.031	-5.2	119	0.00
17	T	Carbon Disulfide	50.000	50.627	-1.3	113	0.00
18	T	Methyl Acetate	50.000	48.260	3.5	114	0.00
19	T	Methyl tert-butyl Ether	50.000	54.153	-8.3	118	0.00
20	T	Methylene Chloride	50.000	47.103	5.8	99	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.606	-5.2	115	0.00
22	T	Diisopropyl ether	50.000	55.906	-11.8	118	0.00
23	T	Vinyl Acetate	250.000	281.593	-12.6	116	0.00
24	P	1,1-Dichloroethane	50.000	52.448	-4.9	118	0.00
25	T	2-Butanone	250.000	252.893	-1.2	114	0.00
26	T	2,2-Dichloropropane	50.000	52.011	-4.0	116	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.525	-7.0	116	0.00
28	T	Bromochloromethane	50.000	49.494	1.0	108	0.00
29	T	Tetrahydrofuran	250.000	252.921	-1.2	113	0.00
30	C	Chloroform	50.000	52.084	-4.2#	116	0.00
31	T	Cyclohexane	50.000	51.739	-3.5	116	0.00
32	T	1,1,1-Trichloroethane	50.000	52.438	-4.9	117	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.450	3.1	119	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	111	0.00
35	S	Dibromofluoromethane	50.000	50.067	-0.1	121	0.00
36	T	1,1-Dichloropropene	50.000	51.596	-3.2	115	0.00
37	T	Ethyl Acetate	50.000	49.016	2.0	112	0.00
38	T	Carbon Tetrachloride	50.000	50.601	-1.2	116	0.00
39	T	Methylcyclohexane	50.000	54.106	-8.2	116	0.00
40	TM	Benzene	50.000	51.849	-3.7	115	0.00
41	T	Methacrylonitrile	50.000	49.769	0.5	119	0.00
42	TM	1,2-Dichloroethane	50.000	49.497	1.0	114	0.00
43	T	Isopropyl Acetate	50.000	50.282	-0.6	113	0.00
44	TM	Trichloroethene	50.000	50.720	-1.4	115	0.00
45	C	1,2-Dichloropropane	50.000	52.425	-4.8#	117	0.00
46	T	Dibromomethane	50.000	49.419	1.2	113	0.00
47	T	Bromodichloromethane	50.000	51.376	-2.8	116	0.00
48	T	Methyl methacrylate	50.000	52.117	-4.2	114	0.00

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	968.109	3.2	109	0.00
50	S	Toluene-d8	50.000	49.389	1.2	120	0.00
51	T	4-Methyl-2-Pentanone	250.000	254.481	-1.8	113	0.00
52	CM	Toluene	50.000	52.642	-5.3#	115	0.00
53	T	t-1,3-Dichloropropene	50.000	51.641	-3.3	115	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.230	-4.5	116	0.00
55	T	1,1,2-Trichloroethane	50.000	49.739	0.5	113	0.00
56	T	Ethyl methacrylate	50.000	54.048	-8.1	117	0.00
57	T	1,3-Dichloropropane	50.000	50.976	-2.0	114	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	244.211	2.3	104	0.00
59	T	2-Hexanone	250.000	257.729	-3.1	113	0.00
60	T	Dibromochloromethane	50.000	50.792	-1.6	115	0.00
61	T	1,2-Dibromoethane	50.000	50.730	-1.5	115	0.00
62	S	4-Bromofluorobenzene	50.000	51.011	-2.0	120	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	109	0.00
64	T	Tetrachloroethene	50.000	50.953	-1.9	111	0.00
65	PM	Chlorobenzene	50.000	52.936	-5.9	115	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.563	-5.1	112	0.00
67	C	Ethyl Benzene	50.000	54.639	-9.3#	115	0.00
68	T	m/p-Xylenes	100.000	108.903	-8.9	113	0.00
69	T	o-Xylene	50.000	55.239	-10.5	114	0.00
70	T	Styrene	50.000	55.448	-10.9	114	0.00
71	P	Bromoform	50.000	50.330	-0.7	110	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73	T	Isopropylbenzene	50.000	56.698	-13.4	114	0.00
74	T	N-amyl acetate	50.000	55.062	-10.1	114	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.037	-2.1	112	0.00
76	T	1,2,3-Trichloropropane	50.000	55.009	-10.0	109	0.00
77	T	Bromobenzene	50.000	52.806	-5.6	112	0.00
78	T	n-propylbenzene	50.000	56.196	-12.4	113	0.00
79	T	2-Chlorotoluene	50.000	55.857	-11.7	115	0.00
80	T	1,3,5-Trimethylbenzene	50.000	56.826	-13.7	114	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.146	-4.3	113	0.00
82	T	4-Chlorotoluene	50.000	54.768	-9.5	113	0.00
83	T	tert-Butylbenzene	50.000	57.979	-16.0	116	0.00
84	T	1,2,4-Trimethylbenzene	50.000	56.067	-12.1	113	0.00
85	T	sec-Butylbenzene	50.000	56.677	-13.4	114	0.00
86	T	p-Isopropyltoluene	50.000	56.381	-12.8	112	0.00
87	T	1,3-Dichlorobenzene	50.000	52.867	-5.7	112	0.00
88	T	1,4-Dichlorobenzene	50.000	52.027	-4.1	111	0.00
89	T	n-Butylbenzene	50.000	56.720	-13.4	112	0.00
90	T	Hexachloroethane	50.000	52.620	-5.2	114	0.00
91	T	1,2-Dichlorobenzene	50.000	52.063	-4.1	110	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.311	-0.6	110	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.178	-8.4	114	0.00
94	T	Hexachlorobutadiene	50.000	53.450	-6.9	116	0.00
95	T	Naphthalene	50.000	49.322	1.4	115	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.377	-6.8	114	0.00

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