Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103122\
Data File : VY011208.D
Acq On : 31 Oct 2022 19:27
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Nov 01 02:46:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 28 23:42:14 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	78	0.00
2	T	Dichlorodifluoromethane	50.000	47.852	4.3	73	0.00
3	P	Chloromethane	50.000	46.244	7.5	71	0.00
4	C	Vinyl Chloride	50.000	45.474	9.1#	70	0.00
5	T	Bromomethane	50.000	47.312	5.4	74	0.00
6	T	Chloroethane	50.000	48.907	2.2	75	0.00
7	T	Trichlorofluoromethane	50.000	46.236	7.5	78	0.00
8	T	Diethyl Ether	50.000	53.269	-6.5	91	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.678	2.6	79	0.00
10	T	Methyl Iodide	50.000	46.313	7.4	72	0.00
11	T	Tert butyl alcohol	250.000	336.250	-34.5#	136	0.00
12	CM	1,1-Dichloroethene	50.000	46.253	7.5#	76	0.00
13	T	Acrolein	250.000	293.510	-17.4	107	0.00
14	T	Allyl chloride	50.000	52.010	-4.0	83	0.00
15	T	Acrylonitrile	250.000	299.286	-19.7	104	0.00
16	T	Acetone	250.000	249.947	0.0	89	0.00
17	T	Carbon Disulfide	50.000	39.256	21.5	63	0.00
18	T	Methyl Acetate	50.000	58.527	-17.1	105	0.00
19	T	Methyl tert-butyl Ether	50.000	58.338	-16.7	95	0.00
20	T	Methylene Chloride	50.000	61.632	-23.3	94	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.580	6.8	78	0.00
22	T	Diisopropyl ether	50.000	58.579	-17.2	91	0.00
23	T	Vinyl Acetate	250.000	311.891	-24.8	95	0.00
24	P	1,1-Dichloroethane	50.000	52.529	-5.1	85	0.00
25	T	2-Butanone	250.000	290.459	-16.2	103	0.00
26	T	2,2-Dichloropropane	50.000	51.563	-3.1	84	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.021	-4.0	85	0.00
28	T	Bromochloromethane	50.000	56.824	-13.6	87	0.00
29	T	Tetrahydrofuran	250.000	308.280	-23.3	108	0.00
30	C	Chloroform	50.000	53.308	-6.6#	87	0.00
31	T	Cyclohexane	50.000	47.267	5.5	73	0.00
32	T	1,1,1-Trichloroethane	50.000	51.856	-3.7	83	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.186	-6.4	88	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	79	0.00
35	S	Dibromofluoromethane	50.000	52.476	-5.0	85	0.00
36	T	1,1-Dichloropropene	50.000	47.456	5.1	78	0.00
37	T	Ethyl Acetate	50.000	59.650	-19.3	106	0.00
38	T	Carbon Tetrachloride	50.000	49.430	1.1	81	0.00
39	T	Methylcyclohexane	50.000	45.843	8.3	75	0.00
40	TM	Benzene	50.000	50.351	-0.7	84	0.00
41	T	Methacrylonitrile	50.000	55.093	-10.2	109	0.00
42	TM	1,2-Dichloroethane	50.000	54.086	-8.2	91	0.00
43	T	Isopropyl Acetate	50.000	60.085	-20.2	104	0.00
44	TM	Trichloroethene	50.000	49.563	0.9	82	0.00
45	C	1,2-Dichloropropane	50.000	54.311	-8.6#	89	0.00
46	T	Dibromomethane	50.000	53.377	-6.8	91	0.00
47	T	Bromodichloromethane	50.000	55.132	-10.3	90	0.00
48	T	Methyl methacrylate	50.000	60.009	-20.0	104	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	1267.267	-26.7#	110	0.00
50	S	Toluene-d8	50.000	51.582	-3.2	81	0.00
51	T	4-Methyl-2-Pentanone	250.000	317.648	-27.1#	109	0.00
52	CM	Toluene	50.000	51.783	-3.6#	84	0.00
53	T	t-1,3-Dichloropropene	50.000	55.701	-11.4	92	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.662	-9.3	89	0.00
55	T	1,1,2-Trichloroethane	50.000	55.824	-11.6	95	0.00
56	T	Ethyl methacrylate	50.000	60.985	-22.0	100	0.00
57	T	1,3-Dichloropropane	50.000	55.724	-11.4	94	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	298.342	-19.3	100	0.00
59	T	2-Hexanone	250.000	316.823	-26.7#	108	0.00
60	T	Dibromochloromethane	50.000	56.519	-13.0	94	0.00
61	T	1,2-Dibromoethane	50.000	54.996	-10.0	94	0.00
62	S	4-Bromofluorobenzene	50.000	56.669	-13.3	91	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64	T	Tetrachloroethene	50.000	48.784	2.4	83	0.00
65	PM	Chlorobenzene	50.000	51.556	-3.1	86	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.113	-8.2	91	0.00
67	C	Ethyl Benzene	50.000	52.070	-4.1#	85	0.00
68	T	m/p-Xylenes	100.000	105.041	-5.0	86	0.00
69	T	o-Xylene	50.000	54.031	-8.1	87	0.00
70	T	Styrene	50.000	55.696	-11.4	89	0.00
71	P	Bromoform	50.000	56.346	-12.7	97	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73	T	Isopropylbenzene	50.000	51.050	-2.1	86	0.00
74	T	N-amyl acetate	50.000	58.602	-17.2	105	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.484	-9.0	102	0.00
76	T	1,2,3-Trichloropropane	50.000	54.818	-9.6	104	0.00
77	T	Bromobenzene	50.000	50.883	-1.8	89	0.00
78	T	n-propylbenzene	50.000	51.282	-2.6	87	0.00
79	T	2-Chlorotoluene	50.000	51.649	-3.3	90	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.819	-3.6	88	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	55.433	-10.9	102	0.00
82	T	4-Chlorotoluene	50.000	51.426	-2.9	89	0.00
83	T	tert-Butylbenzene	50.000	52.222	-4.4	88	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.630	-5.3	89	0.00
85	T	sec-Butylbenzene	50.000	51.675	-3.3	87	0.00
86	T	p-Isopropyltoluene	50.000	52.754	-5.5	88	0.00
87	T	1,3-Dichlorobenzene	50.000	50.967	-1.9	91	0.00
88	T	1,4-Dichlorobenzene	50.000	50.360	-0.7	90	0.00
89	T	n-Butylbenzene	50.000	52.641	-5.3	88	0.00
90	T	Hexachloroethane	50.000	51.482	-3.0	91	0.00
91	T	1,2-Dichlorobenzene	50.000	52.104	-4.2	93	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	57.571	-15.1	112	0.00
93	T	1,2,4-Trichlorobenzene	50.000	55.013	-10.0	95	0.00
94	T	Hexachlorobutadiene	50.000	52.135	-4.3	90	0.00
95	T	Naphthalene	50.000	54.210	-8.4	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	57.082	-14.2	99	0.00

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