Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100522\
Data File : VY010833.D
Acq On : 05 Oct 2022 20:10
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 06 09:25:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 07:26:22 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	84	0.00
2	T	Dichlorodifluoromethane	50.000	50.251	-0.5	83	0.00
3	P	Chloromethane	50.000	51.825	-3.7	88	0.00
4	C	Vinyl Chloride	50.000	48.928	2.1#	81	0.00
5	T	Bromomethane	50.000	46.436	7.1	82	0.00
6	T	Chloroethane	50.000	49.937	0.1	83	0.00
7	T	Trichlorofluoromethane	50.000	51.430	-2.9	88	0.00
8	T	Diethyl Ether	50.000	55.297	-10.6	94	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.932	-5.9	90	0.00
10	T	Methyl Iodide	50.000	49.912	0.2	80	0.00
11	T	Tert butyl alcohol	250.000	269.793	-7.9	89	0.00
12	CM	1,1-Dichloroethene	50.000	51.810	-3.6#	87	0.00
13	T	Acrolein	250.000	193.942	22.4	69	0.00
14	T	Allyl chloride	50.000	56.627	-13.3	94	0.00
15	T	Acrylonitrile	250.000	294.203	-17.7	100	0.00
16	T	Acetone	250.000	235.329	5.9	72	0.00
17	T	Carbon Disulfide	50.000	53.087	-6.2	89	0.00
18	T	Methyl Acetate	50.000	58.073	-16.1	104	0.00
19	T	Methyl tert-butyl Ether	50.000	54.930	-9.9	92	0.00
20	T	Methylene Chloride	50.000	57.564	-15.1	94	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.653	-5.3	89	0.00
22	T	Diisopropyl ether	50.000	57.433	-14.9	94	0.00
23	T	Vinyl Acetate	250.000	292.270	-16.9	95	0.00
24	P	1,1-Dichloroethane	50.000	55.322	-10.6	94	0.00
25	T	2-Butanone	250.000	266.626	-6.7	86	0.00
26	T	2,2-Dichloropropane	50.000	48.243	3.5	83	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.590	-9.2	91	0.00
28	T	Bromochloromethane	50.000	60.722	-21.4	101	0.00
29	T	Tetrahydrofuran	250.000	298.312	-19.3	100	0.00
30	C	Chloroform	50.000	55.051	-10.1#	93	0.00
31	T	Cyclohexane	50.000	50.931	-1.9	88	0.00
32	T	1,1,1-Trichloroethane	50.000	52.923	-5.8	89	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.662	-5.3	86	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35	S	Dibromofluoromethane	50.000	47.952	4.1	86	0.00
36	T	1,1-Dichloropropene	50.000	53.579	-7.2	89	0.00
37	T	Ethyl Acetate	50.000	58.013	-16.0	96	0.00
38	T	Carbon Tetrachloride	50.000	52.873	-5.7	88	0.00
39	T	Methylcyclohexane	50.000	53.220	-6.4	86	0.00
40	TM	Benzene	50.000	54.681	-9.4	91	0.00
41	T	Methacrylonitrile	50.000	48.425	3.2	89	0.00
42	TM	1,2-Dichloroethane	50.000	54.934	-9.9	92	0.00
43	T	Isopropyl Acetate	50.000	56.132	-12.3	93	0.00
44	TM	Trichloroethene	50.000	52.767	-5.5	88	0.00
45	C	1,2-Dichloropropane	50.000	56.881	-13.8#	95	0.00
46	T	Dibromomethane	50.000	56.494	-13.0	95	0.00
47	T	Bromodichloromethane	50.000	56.375	-12.8	94	0.00
48	T	Methyl methacrylate	50.000	58.792	-17.6	96	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1171.104	-17.1	93	0.00
50	S	Toluene-d8	50.000	54.908	-9.8	83	0.00
51	T	4-Methyl-2-Pentanone	250.000	298.753	-19.5	98	0.00
52	CM	Toluene	50.000	54.350	-8.7#	89	0.00
53	T	t-1,3-Dichloropropene	50.000	55.249	-10.5	90	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.080	-10.2	91	0.00
55	T	1,1,2-Trichloroethane	50.000	55.733	-11.5	94	0.00
56	T	Ethyl methacrylate	50.000	58.299	-16.6	94	0.00
57	T	1,3-Dichloropropane	50.000	56.868	-13.7	95	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	272.240	-8.9	93	0.00
59	T	2-Hexanone	250.000	295.120	-18.0	91	0.00
60	T	Dibromochloromethane	50.000	56.113	-12.2	92	0.00
61	T	1,2-Dibromoethane	50.000	55.502	-11.0	93	0.00
62	S	4-Bromofluorobenzene	50.000	46.956	6.1	84	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	85	0.00
64	T	Tetrachloroethene	50.000	53.793	-7.6	91	0.00
65	PM	Chlorobenzene	50.000	53.418	-6.8	90	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.095	-8.2	90	0.00
67	C	Ethyl Benzene	50.000	54.015	-8.0#	89	0.00
68	T	m/p-Xylenes	100.000	106.650	-6.7	88	0.00
69	T	o-Xylene	50.000	53.641	-7.3	88	0.00
70	T	Styrene	50.000	54.691	-9.4	89	0.00
71	P	Bromoform	50.000	54.131	-8.3	91	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	85	0.00
73	T	Isopropylbenzene	50.000	52.498	-5.0	88	0.00
74	T	N-amyl acetate	50.000	56.670	-13.3	92	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.221	-8.4	95	0.00
76	T	1,2,3-Trichloropropane	50.000	53.380	-6.8	91	0.00
77	T	Bromobenzene	50.000	52.513	-5.0	90	0.00
78	T	n-propylbenzene	50.000	52.758	-5.5	88	0.00
79	T	2-Chlorotoluene	50.000	52.715	-5.4	89	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.598	-5.2	88	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.182	-6.4	90	0.00
82	T	4-Chlorotoluene	50.000	52.385	-4.8	89	0.00
83	T	tert-Butylbenzene	50.000	53.541	-7.1	89	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.571	-7.1	88	0.00
85	T	sec-Butylbenzene	50.000	52.790	-5.6	87	0.00
86	T	p-Isopropyltoluene	50.000	53.265	-6.5	87	0.00
87	T	1,3-Dichlorobenzene	50.000	52.121	-4.2	88	0.00
88	T	1,4-Dichlorobenzene	50.000	52.364	-4.7	89	0.00
89	T	n-Butylbenzene	50.000	53.805	-7.6	87	0.00
90	T	Hexachloroethane	50.000	52.662	-5.3	90	0.00
91	T	1,2-Dichlorobenzene	50.000	53.723	-7.4	91	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.952	-9.9	96	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.556	-9.1	93	0.00
94	T	Hexachlorobutadiene	50.000	52.433	-4.9	91	0.00
95	T	Naphthalene	50.000	59.493	-19.0	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.479	-13.0	96	0.00

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