Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100722\
Data File : VY010883.D
Acq On : 07 Oct 2022 19:29
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 08 04:48:58 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	80	0.00
2	T	Dichlorodifluoromethane	50.000	49.447	1.1	79	0.00
3	P	Chloromethane	50.000	50.773	-1.5	82	0.00
4	C	Vinyl Chloride	50.000	46.965	6.1#	75	0.00
5	T	Bromomethane	50.000	44.995	10.0	77	0.00
6	T	Chloroethane	50.000	48.214	3.6	77	0.00
7	T	Trichlorofluoromethane	50.000	51.746	-3.5	85	0.00
8	T	Diethyl Ether	50.000	60.427	-20.9	98	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.461	-6.9	87	0.00
10	T	Methyl Iodide	50.000	51.748	-3.5	79	0.00
11	T	Tert butyl alcohol	250.000	379.932	-52.0#	117	0.00
12	CM	1,1-Dichloroethene	50.000	52.858	-5.7#	85	0.00
13	T	Acrolein	250.000	195.186	21.9	67	0.00
14	T	Allyl chloride	50.000	59.547	-19.1	95	0.00
15	T	Acrylonitrile	250.000	349.029	-39.6#	114	0.00
16	T	Acetone	250.000	270.635	-8.3	80	0.00
17	T	Carbon Disulfide	50.000	53.100	-6.2	86	0.00
18	T	Methyl Acetate	50.000	68.861	-37.7#	119	0.00
19	T	Methyl tert-butyl Ether	50.000	60.188	-20.4	96	0.00
20	T	Methylene Chloride	50.000	67.584	-35.2#	104	-0.01
21	T	trans-1,2-Dichloroethene	50.000	54.112	-8.2	88	0.00
22	T	Diisopropyl ether	50.000	61.224	-22.4	97	0.00
23	T	Vinyl Acetate	250.000	326.575	-30.6#	102	0.00
24	P	1,1-Dichloroethane	50.000	58.168	-16.3	95	0.00
25	T	2-Butanone	250.000	315.086	-26.0#	98	0.00
26	T	2,2-Dichloropropane	50.000	49.119	1.8	81	0.00
27	T	cis-1,2-Dichloroethene	50.000	56.504	-13.0	90	0.00
28	T	Bromochloromethane	50.000	62.688	-25.4#	100	0.00
29	T	Tetrahydrofuran	250.000	358.970	-43.6#	116	0.00
30	C	Chloroform	50.000	57.629	-15.3#	93	0.00
31	T	Cyclohexane	50.000	50.922	-1.8	85	0.00
32	T	1,1,1-Trichloroethane	50.000	53.859	-7.7	87	0.00
33	S	1,2-Dichloroethane-d4	50.000	60.075	-20.2	94	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	82	0.00
35	S	Dibromofluoromethane	50.000	51.624	-3.2	91	0.00
36	T	1,1-Dichloropropene	50.000	53.098	-6.2	86	0.00
37	T	Ethyl Acetate	50.000	68.995	-38.0#	112	0.00
38	T	Carbon Tetrachloride	50.000	52.544	-5.1	86	0.00
39	T	Methylcyclohexane	50.000	50.910	-1.8	80	0.00
40	TM	Benzene	50.000	55.686	-11.4	91	0.00
41	T	Methacrylonitrile	50.000	56.851	-13.7	103	0.00
42	TM	1,2-Dichloroethane	50.000	58.126	-16.3	95	0.00
43	T	Isopropyl Acetate	50.000	64.620	-29.2#	105	0.00
44	TM	Trichloroethene	50.000	52.915	-5.8	86	0.00
45	C	1,2-Dichloropropane	50.000	59.560	-19.1#	97	0.00
46	T	Dibromomethane	50.000	59.492	-19.0	98	0.00
47	T	Bromodichloromethane	50.000	58.473	-16.9	95	0.00
48	T	Methyl methacrylate	50.000	63.620	-27.2#	102	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	1423.046	-42.3#	111	0.00
50	S	Toluene-d8	50.000	58.968	-17.9	87	0.00
51	T	4-Methyl-2-Pentanone	250.000	350.124	-40.0#	112	0.00
52	CM	Toluene	50.000	54.336	-8.7#	87	0.00
53	T	t-1,3-Dichloropropene	50.000	57.703	-15.4	92	0.00
54	T	cis-1,3-Dichloropropene	50.000	57.321	-14.6	92	0.00
55	T	1,1,2-Trichloroethane	50.000	59.800	-19.6	99	0.00
56	T	Ethyl methacrylate	50.000	64.436	-28.9#	101	0.00
57	T	1,3-Dichloropropane	50.000	61.499	-23.0	100	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	299.920	-20.0	101	0.00
59	T	2-Hexanone	250.000	349.473	-39.8#	105	0.00
60	T	Dibromochloromethane	50.000	58.734	-17.5	94	0.00
61	T	1,2-Dibromoethane	50.000	60.064	-20.1	98	0.00
62	S	4-Bromofluorobenzene	50.000	51.204	-2.4	88	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	85	0.00
64	T	Tetrachloroethene	50.000	52.234	-4.5	88	0.00
65	PM	Chlorobenzene	50.000	52.805	-5.6	89	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.932	-7.9	90	0.00
67	C	Ethyl Benzene	50.000	52.439	-4.9#	86	0.00
68	T	m/p-Xylenes	100.000	103.228	-3.2	85	0.00
69	T	o-Xylene	50.000	52.680	-5.4	86	0.00
70	T	Styrene	50.000	54.214	-8.4	88	0.00
71	P	Bromoform	50.000	57.317	-14.6	96	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	84	0.00
73	T	Isopropylbenzene	50.000	50.616	-1.2	84	0.00
74	T	N-amyl acetate	50.000	61.503	-23.0	100	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	58.897	-17.8	103	0.00
76	T	1,2,3-Trichloropropane	50.000	59.269	-18.5	101	0.00
77	T	Bromobenzene	50.000	52.622	-5.2	90	0.00
78	T	n-propylbenzene	50.000	51.239	-2.5	85	0.00
79	T	2-Chlorotoluene	50.000	51.476	-3.0	87	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.752	-1.5	84	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	57.799	-15.6	98	0.00
82	T	4-Chlorotoluene	50.000	50.512	-1.0	85	0.00
83	T	tert-Butylbenzene	50.000	51.008	-2.0	84	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.350	-2.7	84	0.00
85	T	sec-Butylbenzene	50.000	50.389	-0.8	82	0.00
86	T	p-Isopropyltoluene	50.000	50.669	-1.3	83	0.00
87	T	1,3-Dichlorobenzene	50.000	51.086	-2.2	86	0.00
88	T	1,4-Dichlorobenzene	50.000	50.974	-1.9	86	0.00
89	T	n-Butylbenzene	50.000	51.232	-2.5	83	0.00
90	T	Hexachloroethane	50.000	51.349	-2.7	88	0.00
91	T	1,2-Dichlorobenzene	50.000	53.210	-6.4	89	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	61.846	-23.7	108	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.962	-5.9	90	0.00
94	T	Hexachlorobutadiene	50.000	47.773	4.5	83	0.00
95	T	Naphthalene	50.000	62.492	-25.0	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	55.413	-10.8	93	0.00

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