Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
Data File : VY015911.D
Acq On : 10 Oct 2023 20:44
Operator : SY/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 11 01:27:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 10 07:06:18 2023
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	86	0.01
2	T	Dichlorodifluoromethane	50.000	53.747	-7.5	87	0.00
3	P	Chloromethane	50.000	59.276	-18.6	90	0.00
4	C	Vinyl Chloride	50.000	58.322	-16.6#	88	0.00
5	T	Bromomethane	50.000	58.446	-16.9	91	0.01
6	T	Chloroethane	50.000	57.794	-15.6	89	0.01
7	T	Trichlorofluoromethane	50.000	54.317	-8.6	88	0.01
8	T	Diethyl Ether	50.000	57.084	-14.2	91	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	54.091	-8.2	87	0.01
10	T	Methyl Iodide	50.000	53.021	-6.0	87	0.02
11	T	Tert butyl alcohol	250.000	155.334	37.9#	66	0.01
12	CM	1,1-Dichloroethene	50.000	57.703	-15.4#	89	0.02
13	T	Acrolein	250.000	226.107	9.6	75	0.01
14	T	Allyl chloride	50.000	57.318	-14.6	89	0.01
15	T	Acrylonitrile	250.000	274.688	-9.9	89	0.02
16	T	Acetone	250.000	158.768	36.5#	63	0.01
17	T	Carbon Disulfide	50.000	55.321	-10.6	87	0.02
18	T	Methyl Acetate	50.000	60.094	-20.2	92	0.01
19	T	Methyl tert-butyl Ether	50.000	56.015	-12.0	90	0.02
20	T	Methylene Chloride	50.000	64.151	-28.3#	101	0.02
21	T	trans-1,2-Dichloroethene	50.000	57.684	-15.4	89	0.02
22	T	Diisopropyl ether	50.000	57.063	-14.1	92	0.02
23	T	Vinyl Acetate	250.000	269.016	-7.6	85	0.02
24	P	1,1-Dichloroethane	50.000	55.914	-11.8	91	0.01
25	T	2-Butanone	250.000	230.262	7.9	78	0.01
26	T	2,2-Dichloropropane	50.000	49.446	1.1	83	0.01
27	T	cis-1,2-Dichloroethene	50.000	56.545	-13.1	91	0.01
28	T	Bromochloromethane	50.000	54.267	-8.5	95	0.01
29	T	Tetrahydrofuran	250.000	276.108	-10.4	87	0.01
30	C	Chloroform	50.000	56.401	-12.8#	93	0.01
31	T	Cyclohexane	50.000	51.886	-3.8	88	0.01
32	T	1,1,1-Trichloroethane	50.000	54.965	-9.9	89	0.01
33	S	1,2-Dichloroethane-d4	50.000	54.764	-9.5	96	0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.00
35	S	Dibromofluoromethane	50.000	52.420	-4.8	95	0.01
36	T	1,1-Dichloropropene	50.000	55.294	-10.6	89	0.01
37	T	Ethyl Acetate	50.000	54.008	-8.0	89	0.01
38	T	Carbon Tetrachloride	50.000	53.059	-6.1	89	0.01
39	T	Methylcyclohexane	50.000	54.702	-9.4	87	0.00
40	TM	Benzene	50.000	55.932	-11.9	92	0.01
41	T	Methacrylonitrile	50.000	45.581	8.8	76	0.00
42	TM	1,2-Dichloroethane	50.000	55.288	-10.6	91	0.01
43	T	Isopropyl Acetate	50.000	53.736	-7.5	89	0.01
44	TM	Trichloroethene	50.000	55.256	-10.5	91	0.00
45	C	1,2-Dichloropropane	50.000	54.490	-9.0#	92	0.00
46	T	Dibromomethane	50.000	55.285	-10.6	92	0.01
47	T	Bromodichloromethane	50.000	54.202	-8.4	92	0.00
48	T	Methyl methacrylate	50.000	56.139	-12.3	89	0.01

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1083.322	-8.3	88	0.00
50	S	Toluene-d8	50.000	53.249	-6.5	96	0.00
51	T	4-Methyl-2-Pentanone	250.000	266.333	-6.5	88	0.00
52	CM	Toluene	50.000	54.966	-9.9#	91	0.00
53	T	t-1,3-Dichloropropene	50.000	54.498	-9.0	91	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.530	-7.1	89	0.00
55	T	1,1,2-Trichloroethane	50.000	53.892	-7.8	91	0.00
56	T	Ethyl methacrylate	50.000	54.488	-9.0	88	0.00
57	T	1,3-Dichloropropane	50.000	54.508	-9.0	91	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	0.933	99.6#	0	0.00
59	T	2-Hexanone	250.000	249.125	0.4	84	0.00
60	T	Dibromochloromethane	50.000	53.884	-7.8	91	0.00
61	T	1,2-Dibromoethane	50.000	54.524	-9.0	90	0.00
62	S	4-Bromofluorobenzene	50.000	50.707	-1.4	95	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64	T	Tetrachloroethene	50.000	56.412	-12.8	96	0.00
65	PM	Chlorobenzene	50.000	53.849	-7.7	92	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.968	-7.9	92	0.00
67	C	Ethyl Benzene	50.000	53.768	-7.5#	91	0.00
68	T	m/p-Xylenes	100.000	108.579	-8.6	91	0.00
69	T	o-Xylene	50.000	54.564	-9.1	91	0.00
70	T	Styrene	50.000	54.989	-10.0	91	0.00
71	P	Bromoform	50.000	53.318	-6.6	90	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73	T	Isopropylbenzene	50.000	53.140	-6.3	90	0.00
74	T	N-amyl acetate	50.000	53.037	-6.1	86	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.568	-3.1	88	0.00
76	T	1,2,3-Trichloropropane	50.000	58.244	-16.5	106	0.00
77	T	Bromobenzene	50.000	52.711	-5.4	90	0.00
78	T	n-propylbenzene	50.000	52.541	-5.1	89	0.00
79	T	2-Chlorotoluene	50.000	52.976	-6.0	89	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.345	-6.7	89	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.948	-3.9	84	0.00
82	T	4-Chlorotoluene	50.000	52.509	-5.0	90	0.00
83	T	tert-Butylbenzene	50.000	51.784	-3.6	86	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.562	-7.1	90	0.00
85	T	sec-Butylbenzene	50.000	52.942	-5.9	89	0.00
86	T	p-Isopropyltoluene	50.000	52.311	-4.6	87	0.00
87	T	1,3-Dichlorobenzene	50.000	51.577	-3.2	89	0.00
88	T	1,4-Dichlorobenzene	50.000	51.577	-3.2	88	0.00
89	T	n-Butylbenzene	50.000	52.087	-4.2	87	0.00
90	T	Hexachloroethane	50.000	52.479	-5.0	89	0.00
91	T	1,2-Dichlorobenzene	50.000	52.349	-4.7	89	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.739	-5.5	87	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.866	-1.7	86	0.00
94	T	Hexachlorobutadiene	50.000	50.773	-1.5	87	0.00
95	T	Naphthalene	50.000	54.127	-8.3	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.896	-3.8	88	0.00

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