Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120623\
Data File : VY016607.D
Acq On : 06 Dec 2023 10:53
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Dec 07 00:29:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 05 01:24:25 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	88	0.00
2	T	Dichlorodifluoromethane	50.000	51.386	-2.8	99	0.00
3	P	Chloromethane	50.000	41.634	16.7	79	0.00
4	C	Vinyl Chloride	50.000	44.071	11.9#	82	0.00
5	T	Bromomethane	50.000	45.659	8.7	85	0.00
6	T	Chloroethane	50.000	46.158	7.7	84	0.00
7	T	Trichlorofluoromethane	50.000	55.895	-11.8	102	0.00
8	T	Diethyl Ether	50.000	50.742	-1.5	91	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.896	-3.8	93	0.00
10	T	Methyl Iodide	50.000	54.858	-9.7	97	0.00
11	T	Tert butyl alcohol	250.000	282.506	-13.0	101	0.00
12	CM	1,1-Dichloroethene	50.000	53.057	-6.1#	95	0.00
13	T	Acrolein	250.000	272.142	-8.9	91	0.00
14	T	Allyl chloride	50.000	47.104	5.8	84	0.00
15	T	Acrylonitrile	250.000	245.917	1.6	84	0.00
16	T	Acetone	250.000	242.235	3.1	97	0.00
17	T	Carbon Disulfide	50.000	49.746	0.5	89	0.00
18	T	Methyl Acetate	50.000	50.661	-1.3	83	0.00
19	T	Methyl tert-butyl Ether	50.000	55.321	-10.6	95	0.00
20	T	Methylene Chloride	50.000	50.848	-1.7	87	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.579	-3.2	93	0.00
22	T	Diisopropyl ether	50.000	46.690	6.6	81	0.00
23	T	Vinyl Acetate	250.000	238.500	4.6	82	0.00
24	P	1,1-Dichloroethane	50.000	48.535	2.9	88	0.00
25	T	2-Butanone	250.000	230.466	7.8	86	0.00
26	T	2,2-Dichloropropane	50.000	54.898	-9.8	100	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.100	-4.2	93	0.00
28	T	Bromochloromethane	50.000	47.803	4.4	80	0.00
29	T	Tetrahydrofuran	250.000	235.080	6.0	79	0.00
30	C	Chloroform	50.000	51.945	-3.9#	94	0.00
31	T	Cyclohexane	50.000	45.267	9.5	86	0.00
32	T	1,1,1-Trichloroethane	50.000	56.267	-12.5	103	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.380	-4.8	86	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35	S	Dibromofluoromethane	50.000	53.644	-7.3	84	0.00
36	T	1,1-Dichloropropene	50.000	53.784	-7.6	91	0.00
37	T	Ethyl Acetate	50.000	49.810	0.4	81	0.00
38	T	Carbon Tetrachloride	50.000	60.490	-21.0	104	0.00
39	T	Methylcyclohexane	50.000	56.038	-12.1	93	0.00
40	TM	Benzene	50.000	53.132	-6.3	91	0.00
41	T	Methacrylonitrile	50.000	53.181	-6.4	87	0.00
42	TM	1,2-Dichloroethane	50.000	56.417	-12.8	95	0.00
43	T	Isopropyl Acetate	50.000	52.918	-5.8	85	0.00
44	TM	Trichloroethene	50.000	57.159	-14.3	99	0.00
45	C	1,2-Dichloropropane	50.000	49.363	1.3#	84	0.00
46	T	Dibromomethane	50.000	54.326	-8.7	89	0.00
47	T	Bromodichloromethane	50.000	55.227	-10.5	93	0.00
48	T	Methyl methacrylate	50.000	53.139	-6.3	84	0.00

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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)
49	T	1,4-Dioxane	1000.000	1174.810	-17.5	93	0.00
50	S	Toluene-d8	50.000	54.948	-9.9	86	0.00
51	T	4-Methyl-2-Pentanone	250.000	261.567	-4.6	83	0.00
52	CM	Toluene	50.000	55.657	-11.3#	93	0.00
53	T	t-1,3-Dichloropropene	50.000	56.239	-12.5	93	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.462	-8.9	90	0.00
55	T	1,1,2-Trichloroethane	50.000	55.068	-10.1	92	0.00
56	T	Ethyl methacrylate	50.000	58.066	-16.1	90	0.00
57	T	1,3-Dichloropropane	50.000	54.040	-8.1	89	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	262.473	-5.0	80	0.00
59	T	2-Hexanone	250.000	256.346	-2.5	86	0.00
60	T	Dibromochloromethane	50.000	58.300	-16.6	98	0.00
61	T	1,2-Dibromoethane	50.000	55.891	-11.8	90	0.00
62	S	4-Bromofluorobenzene	50.000	56.758	-13.5	88	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	85	0.00
64	T	Tetrachloroethene	50.000	58.376	-16.8	99	0.00
65	PM	Chlorobenzene	50.000	56.068	-12.1	97	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	56.554	-13.1	96	0.00
67	C	Ethyl Benzene	50.000	55.665	-11.3#	95	0.00
68	T	m/p-Xylenes	100.000	114.430	-14.4	97	0.00
69	T	o-Xylene	50.000	57.408	-14.8	99	0.00
70	T	Styrene	50.000	58.063	-16.1	97	0.00
71	P	Bromoform	50.000	59.815	-19.6	99	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	85	0.00
73	T	Isopropylbenzene	50.000	57.110	-14.2	97	0.00
74	T	N-amyl acetate	50.000	51.673	-3.3	85	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.592	-3.2	87	0.00
76	T	1,2,3-Trichloropropane	50.000	48.048	3.9	83	0.00
77	T	Bromobenzene	50.000	58.382	-16.8	100	0.00
78	T	n-propylbenzene	50.000	55.728	-11.5	96	0.00
79	T	2-Chlorotoluene	50.000	54.859	-9.7	94	0.00
80	T	1,3,5-Trimethylbenzene	50.000	57.408	-14.8	97	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.434	-6.9	90	0.00
82	T	4-Chlorotoluene	50.000	54.553	-9.1	94	0.00
83	T	tert-Butylbenzene	50.000	59.882	-19.8	101	0.00
84	T	1,2,4-Trimethylbenzene	50.000	57.886	-15.8	98	0.00
85	T	sec-Butylbenzene	50.000	57.028	-14.1	98	0.00
86	T	p-Isopropyltoluene	50.000	59.136	-18.3	99	0.00
87	T	1,3-Dichlorobenzene	50.000	57.020	-14.0	98	0.00
88	T	1,4-Dichlorobenzene	50.000	57.044	-14.1	97	0.00
89	T	n-Butylbenzene	50.000	57.137	-14.3	96	0.00
90	T	Hexachloroethane	50.000	54.885	-9.8	95	0.00
91	T	1,2-Dichlorobenzene	50.000	57.907	-15.8	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	61.463	-22.9	100	0.00
93	T	1,2,4-Trichlorobenzene	50.000	64.787	-29.6#	107	0.00
94	T	Hexachlorobutadiene	50.000	65.476	-31.0#	110	0.00
95	T	Naphthalene	50.000	65.645	-31.3#	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	66.218	-32.4#	108	0.00

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