Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
Data File : VY016419.D
Acq On : 17 Nov 2023 18:49
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Nov 18 08:27:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 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	85	0.00
2	T	Dichlorodifluoromethane	50.000	46.172	7.7	84	0.00
3	P	Chloromethane	50.000	45.628	8.7	82	0.00
4	C	Vinyl Chloride	50.000	46.268	7.5#	82	0.00
5	T	Bromomethane	50.000	46.756	6.5	84	0.00
6	T	Chloroethane	50.000	48.245	3.5	86	0.00
7	T	Trichlorofluoromethane	50.000	50.836	-1.7	87	-0.01
8	T	Diethyl Ether	50.000	53.406	-6.8	91	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.536	-1.1	89	0.00
10	T	Methyl Iodide	50.000	53.767	-7.5	90	-0.01
11	T	Tert butyl alcohol	250.000	250.304	-0.1	87	-0.02
12	CM	1,1-Dichloroethene	50.000	50.317	-0.6#	88	-0.01
13	T	Acrolein	250.000	267.069	-6.8	89	-0.01
14	T	Allyl chloride	50.000	50.085	-0.2	84	-0.01
15	T	Acrylonitrile	250.000	273.800	-9.5	91	-0.01
16	T	Acetone	250.000	284.234	-13.7	101	-0.01
17	T	Carbon Disulfide	50.000	47.301	5.4	82	-0.01
18	T	Methyl Acetate	50.000	59.488	-19.0	100	-0.01
19	T	Methyl tert-butyl Ether	50.000	54.153	-8.3	91	-0.01
20	T	Methylene Chloride	50.000	61.616	-23.2	100	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.981	-2.0	89	-0.01
22	T	Diisopropyl ether	50.000	52.440	-4.9	88	-0.01
23	T	Vinyl Acetate	250.000	252.557	-1.0	83	-0.01
24	P	1,1-Dichloroethane	50.000	52.655	-5.3	90	-0.02
25	T	2-Butanone	250.000	264.992	-6.0	90	-0.01
26	T	2,2-Dichloropropane	50.000	51.445	-2.9	88	-0.01
27	T	cis-1,2-Dichloroethene	50.000	53.849	-7.7	92	-0.01
28	T	Bromochloromethane	50.000	55.506	-11.0	95	-0.01
29	T	Tetrahydrofuran	250.000	264.383	-5.8	86	-0.01
30	C	Chloroform	50.000	54.993	-10.0#	95	-0.01
31	T	Cyclohexane	50.000	45.466	9.1	81	-0.01
32	T	1,1,1-Trichloroethane	50.000	53.775	-7.5	93	-0.01
33	S	1,2-Dichloroethane-d4	50.000	52.420	-4.8	91	-0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	87	-0.01
35	S	Dibromofluoromethane	50.000	55.147	-10.3	96	-0.01
36	T	1,1-Dichloropropene	50.000	49.530	0.9	86	0.00
37	T	Ethyl Acetate	50.000	48.067	3.9	83	-0.01
38	T	Carbon Tetrachloride	50.000	53.208	-6.4	93	-0.01
39	T	Methylcyclohexane	50.000	49.174	1.7	85	-0.01
40	TM	Benzene	50.000	52.142	-4.3	90	0.00
41	T	Methacrylonitrile	50.000	54.154	-8.3	96	-0.01
42	TM	1,2-Dichloroethane	50.000	53.898	-7.8	92	0.00
43	T	Isopropyl Acetate	50.000	50.315	-0.6	85	0.00
44	TM	Trichloroethene	50.000	52.045	-4.1	91	0.00
45	C	1,2-Dichloropropane	50.000	51.541	-3.1#	88	0.00
46	T	Dibromomethane	50.000	54.080	-8.2	92	0.00
47	T	Bromodichloromethane	50.000	54.904	-9.8	94	0.00
48	T	Methyl methacrylate	50.000	51.381	-2.8	85	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1102.541	-10.3	91	-0.01
50	S	Toluene-d8	50.000	51.285	-2.6	90	0.00
51	T	4-Methyl-2-Pentanone	250.000	254.563	-1.8	85	0.00
52	CM	Toluene	50.000	52.266	-4.5#	90	0.00
53	T	t-1,3-Dichloropropene	50.000	53.714	-7.4	91	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.019	-8.0	92	0.00
55	T	1,1,2-Trichloroethane	50.000	55.950	-11.9	95	0.00
56	T	Ethyl methacrylate	50.000	54.622	-9.2	89	0.00
57	T	1,3-Dichloropropane	50.000	54.918	-9.8	92	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	281.233	-12.5	88	0.00
59	T	2-Hexanone	250.000	238.433	4.6	85	0.00
60	T	Dibromochloromethane	50.000	56.853	-13.7	95	0.00
61	T	1,2-Dibromoethane	50.000	55.286	-10.6	93	0.00
62	S	4-Bromofluorobenzene	50.000	52.852	-5.7	93	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	88	0.00
64	T	Tetrachloroethene	50.000	54.054	-8.1	94	0.00
65	PM	Chlorobenzene	50.000	52.901	-5.8	93	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.345	-10.7	96	0.00
67	C	Ethyl Benzene	50.000	52.391	-4.8#	91	0.00
68	T	m/p-Xylenes	100.000	104.891	-4.9	90	0.00
69	T	o-Xylene	50.000	53.357	-6.7	90	0.00
70	T	Styrene	50.000	54.721	-9.4	93	0.00
71	P	Bromoform	50.000	57.270	-14.5	97	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73	T	Isopropylbenzene	50.000	51.689	-3.4	91	0.00
74	T	N-amyl acetate	50.000	47.377	5.2	80	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.180	-4.4	92	0.00
76	T	1,2,3-Trichloropropane	50.000	50.729	-1.5	95	0.00
77	T	Bromobenzene	50.000	53.673	-7.3	94	0.00
78	T	n-propylbenzene	50.000	50.812	-1.6	90	0.00
79	T	2-Chlorotoluene	50.000	51.524	-3.0	90	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.545	-5.1	92	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.419	-4.8	92	0.00
82	T	4-Chlorotoluene	50.000	51.553	-3.1	91	0.00
83	T	tert-Butylbenzene	50.000	52.992	-6.0	93	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.601	-5.2	92	0.00
85	T	sec-Butylbenzene	50.000	51.347	-2.7	91	0.00
86	T	p-Isopropyltoluene	50.000	52.696	-5.4	92	0.00
87	T	1,3-Dichlorobenzene	50.000	52.532	-5.1	94	0.00
88	T	1,4-Dichlorobenzene	50.000	52.350	-4.7	93	0.00
89	T	n-Butylbenzene	50.000	51.108	-2.2	88	0.00
90	T	Hexachloroethane	50.000	52.505	-5.0	94	0.00
91	T	1,2-Dichlorobenzene	50.000	53.776	-7.6	96	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.926	4.1	88	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.169	-4.3	92	0.00
94	T	Hexachlorobutadiene	50.000	53.018	-6.0	95	0.00
95	T	Naphthalene	50.000	52.318	-4.6	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.899	-3.8	95	0.00

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