Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072823\
Data File : VY014919.D
Acq On : 28 Jul 2023 19:20
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jul 29 03:11:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 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	57	0.00
2	T	Dichlorodifluoromethane	50.000	37.438	25.1#	45	0.00
3	P	Chloromethane	50.000	50.605	-1.2	59	0.00
4	C	Vinyl Chloride	50.000	53.627	-7.3#	61	0.00
5	T	Bromomethane	50.000	62.340	-24.7	72	-0.01
6	T	Chloroethane	50.000	57.914	-15.8	65	0.00
7	T	Trichlorofluoromethane	50.000	47.095	5.8	53	0.00
8	T	Diethyl Ether	50.000	48.116	3.8	54	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.301	9.4	50	0.00
10	T	Methyl Iodide	50.000	37.895	24.2	44	0.00
11	T	Tert butyl alcohol	250.000	240.131	3.9	58	0.00
12	CM	1,1-Dichloroethene	50.000	44.392	11.2#	49	0.00
13	T	Acrolein	250.000	146.673	41.3#	37	0.00
14	T	Allyl chloride	50.000	41.116	17.8	46	0.00
15	T	Acrylonitrile	250.000	270.811	-8.3	61	0.00
16	T	Acetone	250.000	264.234	-5.7	56	0.00
17	T	Carbon Disulfide	50.000	37.448	25.1#	43	0.00
18	T	Methyl Acetate	50.000	59.540	-19.1	67	0.00
19	T	Methyl tert-butyl Ether	50.000	50.350	-0.7	56	0.00
20	T	Methylene Chloride	50.000	54.739	-9.5	60	0.00
21	T	trans-1,2-Dichloroethene	50.000	44.885	10.2	51	0.00
22	T	Diisopropyl ether	50.000	46.613	6.8	52	0.00
23	T	Vinyl Acetate	250.000	223.751	10.5	50	0.00
24	P	1,1-Dichloroethane	50.000	46.705	6.6	52	0.00
25	T	2-Butanone	250.000	268.490	-7.4	60	0.00
26	T	2,2-Dichloropropane	50.000	40.661	18.7	46	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.389	3.2	54	0.00
28	T	Bromochloromethane	50.000	50.386	-0.8	60	0.00
29	T	Tetrahydrofuran	250.000	272.619	-9.0	62	0.00
30	C	Chloroform	50.000	48.866	2.3#	55	0.00
31	T	Cyclohexane	50.000	38.724	22.6	46	0.00
32	T	1,1,1-Trichloroethane	50.000	46.777	6.4	52	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.740	0.5	58	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	58	0.00
35	S	Dibromofluoromethane	50.000	48.212	3.6	55	0.00
36	T	1,1-Dichloropropene	50.000	44.660	10.7	50	0.00
37	T	Ethyl Acetate	50.000	52.692	-5.4	62	0.00
38	T	Carbon Tetrachloride	50.000	46.897	6.2	52	0.00
39	T	Methylcyclohexane	50.000	42.179	15.6	47	0.00
40	TM	Benzene	50.000	46.977	6.0	52	0.00
41	T	Methacrylonitrile	50.000	55.248	-10.5	64	0.00
42	TM	1,2-Dichloroethane	50.000	51.184	-2.4	57	0.00
43	T	Isopropyl Acetate	50.000	50.753	-1.5	57	0.00
44	TM	Trichloroethene	50.000	47.490	5.0	53	0.00
45	C	1,2-Dichloropropane	50.000	47.728	4.5#	53	0.00
46	T	Dibromomethane	50.000	51.551	-3.1	57	0.00
47	T	Bromodichloromethane	50.000	49.504	1.0	55	0.00
48	T	Methyl methacrylate	50.000	50.797	-1.6	57	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	1193.220	-19.3	66	0.00
50	S	Toluene-d8	50.000	46.386	7.2	54	0.00
51	T	4-Methyl-2-Pentanone	250.000	278.169	-11.3	63	0.00
52	CM	Toluene	50.000	46.825	6.3#	52	0.00
53	T	t-1,3-Dichloropropene	50.000	47.058	5.9	52	0.00
54	T	cis-1,3-Dichloropropene	50.000	46.746	6.5	52	0.00
55	T	1,1,2-Trichloroethane	50.000	52.745	-5.5	59	0.00
56	T	Ethyl methacrylate	50.000	50.883	-1.8	56	0.00
57	T	1,3-Dichloropropane	50.000	50.799	-1.6	56	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	233.778	6.5	53	0.00
59	T	2-Hexanone	250.000	279.064	-11.6	62	0.00
60	T	Dibromochloromethane	50.000	51.312	-2.6	57	0.00
61	T	1,2-Dibromoethane	50.000	51.613	-3.2	57	0.00
62	S	4-Bromofluorobenzene	50.000	45.420	9.2	53	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	60	0.00
64	T	Tetrachloroethene	50.000	54.113	-8.2	63	0.00
65	PM	Chlorobenzene	50.000	47.104	5.8	55	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.737	2.5	56	0.00
67	C	Ethyl Benzene	50.000	45.835	8.3#	53	0.00
68	T	m/p-Xylenes	100.000	92.121	7.9	53	0.00
69	T	o-Xylene	50.000	47.107	5.8	54	0.00
70	T	Styrene	50.000	47.907	4.2	55	0.00
71	P	Bromoform	50.000	50.695	-1.4	58	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	64	0.00
73	T	Isopropylbenzene	50.000	42.708	14.6	53	0.00
74	T	N-amyl acetate	50.000	45.322	9.4	56	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.699	4.6	60	0.00
76	T	1,2,3-Trichloropropane	50.000	53.717	-7.4	67	0.00
77	T	Bromobenzene	50.000	46.150	7.7	57	0.00
78	T	n-propylbenzene	50.000	42.842	14.3	53	0.00
79	T	2-Chlorotoluene	50.000	42.701	14.6	53	0.00
80	T	1,3,5-Trimethylbenzene	50.000	43.056	13.9	53	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	40.696	18.6	50	0.00
82	T	4-Chlorotoluene	50.000	43.092	13.8	53	0.00
83	T	tert-Butylbenzene	50.000	42.545	14.9	52	0.00
84	T	1,2,4-Trimethylbenzene	50.000	44.070	11.9	54	0.00
85	T	sec-Butylbenzene	50.000	43.621	12.8	54	0.00
86	T	p-Isopropyltoluene	50.000	44.664	10.7	54	0.00
87	T	1,3-Dichlorobenzene	50.000	46.289	7.4	57	0.00
88	T	1,4-Dichlorobenzene	50.000	46.352	7.3	57	0.00
89	T	n-Butylbenzene	50.000	42.967	14.1	52	0.00
90	T	Hexachloroethane	50.000	42.283	15.4	52	0.00
91	T	1,2-Dichlorobenzene	50.000	47.373	5.3	58	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.426	3.1	61	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.785	2.4	58	0.00
94	T	Hexachlorobutadiene	50.000	45.496	9.0	54	0.00
95	T	Naphthalene	50.000	51.752	-3.5	62	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.112	-0.2	60	0.00

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