Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
Data File : VY014731.D
Acq On : 20 Jul 2023 19:12
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jul 21 01:35:12 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	73	0.00
2	T	Dichlorodifluoromethane	50.000	43.129	13.7	66	0.00
3	P	Chloromethane	50.000	57.829	-15.7	86	0.00
4	C	Vinyl Chloride	50.000	59.797	-19.6#	87	0.00
5	T	Bromomethane	50.000	64.036	-28.1#	94	0.00
6	T	Chloroethane	50.000	64.101	-28.2#	92	0.00
7	T	Trichlorofluoromethane	50.000	52.130	-4.3	75	0.00
8	T	Diethyl Ether	50.000	57.073	-14.1	82	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.837	0.3	71	0.00
10	T	Methyl Iodide	50.000	54.260	-8.5	82	0.00
11	T	Tert butyl alcohol	250.000	300.063	-20.0	91	0.00
12	CM	1,1-Dichloroethene	50.000	51.938	-3.9#	74	0.00
13	T	Acrolein	250.000	25.662	89.7#	8	0.00
14	T	Allyl chloride	50.000	45.544	8.9	66	0.00
15	T	Acrylonitrile	250.000	316.875	-26.8#	91	0.00
16	T	Acetone	250.000	262.217	-4.9	71	0.00
17	T	Carbon Disulfide	50.000	47.962	4.1	71	0.00
18	T	Methyl Acetate	50.000	106.239	-112.5#	153	0.00
19	T	Methyl tert-butyl Ether	50.000	59.686	-19.4	85	0.00
20	T	Methylene Chloride	50.000	54.454	-8.9	77	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.912	-5.8	76	0.00
22	T	Diisopropyl ether	50.000	54.124	-8.2	77	0.00
23	T	Vinyl Acetate	250.000	157.612	37.0#	45	0.00
24	P	1,1-Dichloroethane	50.000	54.773	-9.5	78	0.00
25	T	2-Butanone	250.000	298.758	-19.5	85	0.00
26	T	2,2-Dichloropropane	50.000	26.617	46.8#	38	0.00
27	T	cis-1,2-Dichloroethene	50.000	55.921	-11.8	80	0.00
28	T	Bromochloromethane	50.000	57.559	-15.1	88	0.00
29	T	Tetrahydrofuran	250.000	326.142	-30.5#	96	0.00
30	C	Chloroform	50.000	56.037	-12.1#	80	0.00
31	T	Cyclohexane	50.000	43.331	13.3	65	0.00
32	T	1,1,1-Trichloroethane	50.000	53.412	-6.8	77	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.901	-7.8	80	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	78	0.00
35	S	Dibromofluoromethane	50.000	50.913	-1.8	79	0.00
36	T	1,1-Dichloropropene	50.000	47.798	4.4	72	0.00
37	T	Ethyl Acetate	50.000	50.916	-1.8	81	0.00
38	T	Carbon Tetrachloride	50.000	50.215	-0.4	75	0.00
39	T	Methylcyclohexane	50.000	44.330	11.3	67	0.00
40	TM	Benzene	50.000	51.121	-2.2	77	0.00
41	T	Methacrylonitrile	50.000	53.357	-6.7	84	0.00
42	TM	1,2-Dichloroethane	50.000	54.963	-9.9	82	0.00
43	T	Isopropyl Acetate	50.000	51.467	-2.9	78	0.00
44	TM	Trichloroethene	50.000	52.861	-5.7	80	0.00
45	C	1,2-Dichloropropane	50.000	51.911	-3.8#	78	0.00
46	T	Dibromomethane	50.000	56.146	-12.3	85	0.00
47	T	Bromodichloromethane	50.000	54.331	-8.7	81	0.00
48	T	Methyl methacrylate	50.000	57.158	-14.3	87	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1290.619	-29.1#	97	0.00
50	S	Toluene-d8	50.000	48.806	2.4	76	0.00
51	T	4-Methyl-2-Pentanone	250.000	304.849	-21.9	93	0.00
52	CM	Toluene	50.000	51.848	-3.7#	78	0.00
53	T	t-1,3-Dichloropropene	50.000	44.454	11.1	67	0.00
54	T	cis-1,3-Dichloropropene	50.000	43.560	12.9	65	0.00
55	T	1,1,2-Trichloroethane	50.000	57.600	-15.2	87	0.00
56	T	Ethyl methacrylate	50.000	55.797	-11.6	83	0.00
57	T	1,3-Dichloropropane	50.000	55.589	-11.2	83	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	280.038	-12.0	86	0.00
59	T	2-Hexanone	250.000	293.077	-17.2	88	0.00
60	T	Dibromochloromethane	50.000	57.049	-14.1	85	0.00
61	T	1,2-Dibromoethane	50.000	58.382	-16.8	88	0.00
62	S	4-Bromofluorobenzene	50.000	48.162	3.7	76	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	80	0.00
64	T	Tetrachloroethene	50.000	60.276	-20.6	94	0.00
65	PM	Chlorobenzene	50.000	52.139	-4.3	81	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.982	-8.0	82	0.00
67	C	Ethyl Benzene	50.000	50.102	-0.2#	77	0.00
68	T	m/p-Xylenes	100.000	99.128	0.9	76	0.00
69	T	o-Xylene	50.000	51.135	-2.3	79	0.00
70	T	Styrene	50.000	51.716	-3.4	79	0.00
71	P	Bromoform	50.000	59.352	-18.7	90	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	80	0.00
73	T	Isopropylbenzene	50.000	48.745	2.5	76	0.00
74	T	N-amyl acetate	50.000	26.249	47.5#	40	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	55.748	-11.5	88	0.00
76	T	1,2,3-Trichloropropane	50.000	56.916	-13.8	90	0.00
77	T	Bromobenzene	50.000	53.035	-6.1	82	0.00
78	T	n-propylbenzene	50.000	47.279	5.4	73	0.00
79	T	2-Chlorotoluene	50.000	48.838	2.3	75	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.721	2.6	75	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	34.362	31.3#	53	0.00
82	T	4-Chlorotoluene	50.000	48.076	3.8	74	0.00
83	T	tert-Butylbenzene	50.000	48.418	3.2	75	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.857	2.3	75	0.00
85	T	sec-Butylbenzene	50.000	47.249	5.5	73	0.00
86	T	p-Isopropyltoluene	50.000	46.680	6.6	71	0.00
87	T	1,3-Dichlorobenzene	50.000	51.371	-2.7	79	0.00
88	T	1,4-Dichlorobenzene	50.000	51.401	-2.8	79	0.00
89	T	n-Butylbenzene	50.000	43.689	12.6	67	0.00
90	T	Hexachloroethane	50.000	49.047	1.9	75	0.00
91	T	1,2-Dichlorobenzene	50.000	52.886	-5.8	81	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	58.185	-16.4	92	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.361	1.3	74	0.00
94	T	Hexachlorobutadiene	50.000	43.851	12.3	66	0.00
95	T	Naphthalene	50.000	57.924	-15.8	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.076	-4.2	78	0.00

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