Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031423\
Data File : VY012948.D
Acq On : 14 Mar 2023 17:43
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Mar 15 01:45:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 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	81	0.00
2	T	Dichlorodifluoromethane	50.000	45.340	9.3	78	0.00
3	P	Chloromethane	50.000	45.202	9.6	80	0.00
4	C	Vinyl Chloride	50.000	48.500	3.0#	81	0.00
5	T	Bromomethane	50.000	51.012	-2.0	86	0.00
6	T	Chloroethane	50.000	51.443	-2.9	85	0.00
7	T	Trichlorofluoromethane	50.000	51.606	-3.2	87	0.00
8	T	Diethyl Ether	50.000	52.390	-4.8	86	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.261	-2.5	86	0.00
10	T	Methyl Iodide	50.000	50.709	-1.4	79	0.00
11	T	Tert butyl alcohol	250.000	284.425	-13.8	93	0.00
12	CM	1,1-Dichloroethene	50.000	51.788	-3.6#	86	0.00
13	T	Acrolein	250.000	178.834	28.5#	60	0.00
14	T	Allyl chloride	50.000	46.188	7.6	75	0.00
15	T	Acrylonitrile	250.000	271.474	-8.6	89	0.00
16	T	Acetone	250.000	275.142	-10.1	84	0.00
17	T	Carbon Disulfide	50.000	46.118	7.8	77	0.00
18	T	Methyl Acetate	50.000	50.924	-1.8	83	0.00
19	T	Methyl tert-butyl Ether	50.000	55.766	-11.5	89	0.00
20	T	Methylene Chloride	50.000	55.390	-10.8	88	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.244	-4.5	86	0.00
22	T	Diisopropyl ether	50.000	55.386	-10.8	89	0.00
23	T	Vinyl Acetate	250.000	278.721	-11.5	87	0.00
24	P	1,1-Dichloroethane	50.000	53.590	-7.2	88	0.00
25	T	2-Butanone	250.000	273.325	-9.3	85	0.00
26	T	2,2-Dichloropropane	50.000	53.715	-7.4	90	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.992	-10.0	89	0.00
28	T	Bromochloromethane	50.000	53.172	-6.3	85	0.00
29	T	Tetrahydrofuran	250.000	272.763	-9.1	86	0.00
30	C	Chloroform	50.000	56.106	-12.2#	92	0.00
31	T	Cyclohexane	50.000	47.139	5.7	80	0.00
32	T	1,1,1-Trichloroethane	50.000	54.274	-8.5	89	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.568	8.9	76	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	81	0.00
35	S	Dibromofluoromethane	50.000	48.070	3.9	79	0.00
36	T	1,1-Dichloropropene	50.000	52.170	-4.3	85	0.00
37	T	Ethyl Acetate	50.000	54.213	-8.4	91	0.00
38	T	Carbon Tetrachloride	50.000	55.227	-10.5	90	0.00
39	T	Methylcyclohexane	50.000	51.260	-2.5	81	0.00
40	TM	Benzene	50.000	53.970	-7.9	88	0.00
41	T	Methacrylonitrile	50.000	45.737	8.5	74	0.00
42	TM	1,2-Dichloroethane	50.000	55.911	-11.8	90	0.00
43	T	Isopropyl Acetate	50.000	55.104	-10.2	88	0.00
44	TM	Trichloroethene	50.000	53.937	-7.9	87	0.00
45	C	1,2-Dichloropropane	50.000	54.564	-9.1#	90	0.00
46	T	Dibromomethane	50.000	56.382	-12.8	91	0.00
47	T	Bromodichloromethane	50.000	56.370	-12.7	92	0.00
48	T	Methyl methacrylate	50.000	54.016	-8.0	83	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1212.643	-21.3	96	0.00
50	S	Toluene-d8	50.000	44.468	11.1	74	0.00
51	T	4-Methyl-2-Pentanone	250.000	284.453	-13.8	88	0.00
52	CM	Toluene	50.000	55.578	-11.2#	89	0.00
53	T	t-1,3-Dichloropropene	50.000	56.565	-13.1	90	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.953	-11.9	89	0.00
55	T	1,1,2-Trichloroethane	50.000	57.002	-14.0	93	0.00
56	T	Ethyl methacrylate	50.000	58.081	-16.2	89	0.00
57	T	1,3-Dichloropropane	50.000	56.056	-12.1	90	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	281.716	-12.7	86	0.00
59	T	2-Hexanone	250.000	284.867	-13.9	87	0.00
60	T	Dibromochloromethane	50.000	58.234	-16.5	95	0.00
61	T	1,2-Dibromoethane	50.000	55.971	-11.9	91	0.00
62	S	4-Bromofluorobenzene	50.000	47.761	4.5	79	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	83	0.00
64	T	Tetrachloroethene	50.000	53.907	-7.8	90	0.00
65	PM	Chlorobenzene	50.000	54.201	-8.4	89	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.535	-11.1	92	0.00
67	C	Ethyl Benzene	50.000	55.144	-10.3#	89	0.00
68	T	m/p-Xylenes	100.000	109.879	-9.9	88	0.00
69	T	o-Xylene	50.000	56.258	-12.5	92	0.00
70	T	Styrene	50.000	56.980	-14.0	91	0.00
71	P	Bromoform	50.000	56.666	-13.3	94	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73	T	Isopropylbenzene	50.000	54.124	-8.2	89	0.00
74	T	N-amyl acetate	50.000	52.577	-5.2	86	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.005	-8.0	91	0.00
76	T	1,2,3-Trichloropropane	50.000	56.845	-13.7	96	0.00
77	T	Bromobenzene	50.000	53.788	-7.6	91	0.00
78	T	n-propylbenzene	50.000	53.667	-7.3	88	0.00
79	T	2-Chlorotoluene	50.000	54.098	-8.2	90	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.146	-8.3	90	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.050	-4.1	86	0.00
82	T	4-Chlorotoluene	50.000	52.658	-5.3	88	0.00
83	T	tert-Butylbenzene	50.000	55.074	-10.1	90	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.897	-9.8	90	0.00
85	T	sec-Butylbenzene	50.000	53.785	-7.6	90	0.00
86	T	p-Isopropyltoluene	50.000	54.478	-9.0	90	0.00
87	T	1,3-Dichlorobenzene	50.000	54.036	-8.1	91	0.00
88	T	1,4-Dichlorobenzene	50.000	52.557	-5.1	89	0.00
89	T	n-Butylbenzene	50.000	53.156	-6.3	88	0.00
90	T	Hexachloroethane	50.000	52.718	-5.4	91	0.00
91	T	1,2-Dichlorobenzene	50.000	54.112	-8.2	91	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.906	-5.8	87	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.421	-0.8	83	0.00
94	T	Hexachlorobutadiene	50.000	49.714	0.6	87	0.00
95	T	Naphthalene	50.000	53.203	-6.4	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.453	-0.9	84	0.00

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