Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021723\
Data File : VY012662.D
Acq On : 17 Feb 2023 19:36
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 17 22:50:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 17 18:08:19 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	77	0.00
2	T	Dichlorodifluoromethane	50.000	39.451	21.1	64	0.00
3	P	Chloromethane	50.000	37.610	24.8	65	0.00
4	C	Vinyl Chloride	50.000	41.591	16.8#	70	0.00
5	T	Bromomethane	50.000	49.862	0.3	79	0.00
6	T	Chloroethane	50.000	46.060	7.9	77	0.00
7	T	Trichlorofluoromethane	50.000	46.501	7.0	77	0.00
8	T	Diethyl Ether	50.000	51.534	-3.1	86	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.087	3.8	77	0.00
10	T	Methyl Iodide	50.000	46.302	7.4	70	0.00
11	T	Tert butyl alcohol	250.000	244.136	2.3	90	0.00
12	CM	1,1-Dichloroethene	50.000	45.399	9.2#	75	0.00
13	T	Acrolein	250.000	168.461	32.6#	59	0.00
14	T	Allyl chloride	50.000	45.972	8.1	74	0.00
15	T	Acrylonitrile	250.000	281.806	-12.7	95	0.00
16	T	Acetone	250.000	209.388	16.2	67	0.00
17	T	Carbon Disulfide	50.000	38.101	23.8	65	0.00
18	T	Methyl Acetate	50.000	51.770	-3.5	94	0.00
19	T	Methyl tert-butyl Ether	50.000	56.900	-13.8	92	0.00
20	T	Methylene Chloride	50.000	52.345	-4.7	81	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.119	3.8	78	0.00
22	T	Diisopropyl ether	50.000	52.735	-5.5	83	-0.01
23	T	Vinyl Acetate	250.000	275.016	-10.0	87	0.00
24	P	1,1-Dichloroethane	50.000	50.321	-0.6	81	0.00
25	T	2-Butanone	250.000	252.619	-1.0	85	0.00
26	T	2,2-Dichloropropane	50.000	48.288	3.4	78	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.968	-3.9	83	0.00
28	T	Bromochloromethane	50.000	57.317	-14.6	86	0.00
29	T	Tetrahydrofuran	250.000	287.392	-15.0	97	0.00
30	C	Chloroform	50.000	53.462	-6.9#	86	0.00
31	T	Cyclohexane	50.000	42.014	16.0	71	0.00
32	T	1,1,1-Trichloroethane	50.000	52.378	-4.8	83	0.00
33	S	1,2-Dichloroethane-d4	50.000	54.908	-9.8	87	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	79	0.00
35	S	Dibromofluoromethane	50.000	56.143	-12.3	85	0.00
36	T	1,1-Dichloropropene	50.000	48.158	3.7	77	0.00
37	T	Ethyl Acetate	50.000	54.412	-8.8	92	0.00
38	T	Carbon Tetrachloride	50.000	51.942	-3.9	83	0.00
39	T	Methylcyclohexane	50.000	46.991	6.0	74	0.00
40	TM	Benzene	50.000	50.674	-1.3	81	0.00
41	T	Methacrylonitrile	50.000	49.327	1.3	72	-0.02
42	TM	1,2-Dichloroethane	50.000	56.306	-12.6	91	0.00
43	T	Isopropyl Acetate	50.000	56.698	-13.4	94	0.00
44	TM	Trichloroethene	50.000	52.067	-4.1	84	0.00
45	C	1,2-Dichloropropane	50.000	52.578	-5.2#	83	0.00
46	T	Dibromomethane	50.000	56.064	-12.1	92	0.00
47	T	Bromodichloromethane	50.000	55.782	-11.6	88	0.00
48	T	Methyl methacrylate	50.000	56.954	-13.9	94	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	1250.244	-25.0#	105	0.00
50	S	Toluene-d8	50.000	54.124	-8.2	82	0.00
51	T	4-Methyl-2-Pentanone	250.000	302.595	-21.0	100	0.00
52	CM	Toluene	50.000	53.067	-6.1#	84	0.00
53	T	t-1,3-Dichloropropene	50.000	55.514	-11.0	87	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.088	-8.2	85	0.00
55	T	1,1,2-Trichloroethane	50.000	58.717	-17.4	95	0.00
56	T	Ethyl methacrylate	50.000	60.098	-20.2	96	0.00
57	T	1,3-Dichloropropane	50.000	57.818	-15.6	93	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	301.073	-20.4	96	0.00
59	T	2-Hexanone	250.000	288.977	-15.6	94	0.00
60	T	Dibromochloromethane	50.000	59.389	-18.8	94	0.00
61	T	1,2-Dibromoethane	50.000	57.944	-15.9	94	0.00
62	S	4-Bromofluorobenzene	50.000	54.562	-9.1	88	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64	T	Tetrachloroethene	50.000	55.567	-11.1	90	0.00
65	PM	Chlorobenzene	50.000	51.365	-2.7	87	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.442	-8.9	92	0.00
67	C	Ethyl Benzene	50.000	50.827	-1.7#	85	0.00
68	T	m/p-Xylenes	100.000	101.867	-1.9	85	0.00
69	T	o-Xylene	50.000	52.811	-5.6	86	0.00
70	T	Styrene	50.000	53.819	-7.6	89	0.00
71	P	Bromoform	50.000	58.710	-17.4	100	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	90	0.00
73	T	Isopropylbenzene	50.000	48.017	4.0	85	0.00
74	T	N-amyl acetate	50.000	51.854	-3.7	96	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.242	-2.5	99	0.00
76	T	1,2,3-Trichloropropane	50.000	51.965	-3.9	101	0.00
77	T	Bromobenzene	50.000	50.238	-0.5	93	0.00
78	T	n-propylbenzene	50.000	47.447	5.1	84	0.00
79	T	2-Chlorotoluene	50.000	48.366	3.3	87	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.746	2.5	87	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.132	-0.3	94	0.00
82	T	4-Chlorotoluene	50.000	48.424	3.2	87	0.00
83	T	tert-Butylbenzene	50.000	49.552	0.9	89	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.941	2.1	86	0.00
85	T	sec-Butylbenzene	50.000	48.853	2.3	87	0.00
86	T	p-Isopropyltoluene	50.000	49.706	0.6	88	0.00
87	T	1,3-Dichlorobenzene	50.000	50.906	-1.8	93	0.00
88	T	1,4-Dichlorobenzene	50.000	50.174	-0.3	92	0.00
89	T	n-Butylbenzene	50.000	48.400	3.2	85	0.00
90	T	Hexachloroethane	50.000	49.214	1.6	89	0.00
91	T	1,2-Dichlorobenzene	50.000	52.418	-4.8	97	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	55.587	-11.2	110	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.459	-8.9	99	0.00
94	T	Hexachlorobutadiene	50.000	51.519	-3.0	94	0.00
95	T	Naphthalene	50.000	60.100	-20.2	110	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.595	-13.2	104	0.00

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