Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081623\
Data File : VY015159.D
Acq On : 16 Aug 2023 18:50
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.36g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Aug 17 05:33:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 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	79	0.00
2	T	Dichlorodifluoromethane	50.000	47.612	4.8	75	0.00
3	P	Chloromethane	50.000	52.047	-4.1	80	0.00
4	C	Vinyl Chloride	50.000	47.602	4.8#	79	0.00
5	T	Bromomethane	50.000	59.430	-18.9	87	0.00
6	T	Chloroethane	50.000	51.597	-3.2	82	0.00
7	T	Trichlorofluoromethane	50.000	48.584	2.8	80	0.00
8	T	Diethyl Ether	50.000	50.615	-1.2	82	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.101	1.8	81	0.00
10	T	Methyl Iodide	50.000	42.508	15.0	63	0.00
11	T	Tert butyl alcohol	250.000	250.329	-0.1	80	0.01
12	CM	1,1-Dichloroethene	50.000	48.106	3.8#	77	0.00
13	T	Acrolein	250.000	180.838	27.7#	66	0.00
14	T	Allyl chloride	50.000	49.061	1.9	78	0.00
15	T	Acrylonitrile	250.000	266.195	-6.5	84	0.00
16	T	Acetone	250.000	230.238	7.9	70	0.00
17	T	Carbon Disulfide	50.000	47.175	5.7	73	0.00
18	T	Methyl Acetate	50.000	58.166	-16.3	92	0.00
19	T	Methyl tert-butyl Ether	50.000	50.159	-0.3	80	0.00
20	T	Methylene Chloride	50.000	56.921	-13.8	87	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.816	0.4	80	0.00
22	T	Diisopropyl ether	50.000	50.170	-0.3	80	0.00
23	T	Vinyl Acetate	250.000	236.661	5.3	74	0.00
24	P	1,1-Dichloroethane	50.000	51.047	-2.1	82	0.00
25	T	2-Butanone	250.000	251.772	-0.7	80	0.00
26	T	2,2-Dichloropropane	50.000	42.490	15.0	71	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.793	-1.6	82	0.00
28	T	Bromochloromethane	50.000	47.683	4.6	77	0.00
29	T	Tetrahydrofuran	250.000	260.794	-4.3	83	0.00
30	C	Chloroform	50.000	51.545	-3.1#	83	0.00
31	T	Cyclohexane	50.000	50.350	-0.7	77	0.00
32	T	1,1,1-Trichloroethane	50.000	49.790	0.4	80	0.00
33	S	1,2-Dichloroethane-d4	50.000	54.274	-8.5	84	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	81	0.00
35	S	Dibromofluoromethane	50.000	52.722	-5.4	83	0.00
36	T	1,1-Dichloropropene	50.000	48.477	3.0	80	0.00
37	T	Ethyl Acetate	50.000	48.993	2.0	82	0.00
38	T	Carbon Tetrachloride	50.000	47.972	4.1	79	0.00
39	T	Methylcyclohexane	50.000	47.030	5.9	77	0.00
40	TM	Benzene	50.000	49.473	1.1	81	0.00
41	T	Methacrylonitrile	50.000	51.827	-3.7	80	0.00
42	TM	1,2-Dichloroethane	50.000	50.099	-0.2	82	0.00
43	T	Isopropyl Acetate	50.000	48.453	3.1	79	0.00
44	TM	Trichloroethene	50.000	49.184	1.6	81	0.00
45	C	1,2-Dichloropropane	50.000	50.011	-0.0#	83	0.00
46	T	Dibromomethane	50.000	50.578	-1.2	82	0.00
47	T	Bromodichloromethane	50.000	50.299	-0.6	82	0.00
48	T	Methyl methacrylate	50.000	51.433	-2.9	82	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1042.721	-4.3	83	0.00
50	S	Toluene-d8	50.000	51.934	-3.9	83	0.00
51	T	4-Methyl-2-Pentanone	250.000	258.307	-3.3	83	0.00
52	CM	Toluene	50.000	49.278	1.4#	81	0.00
53	T	t-1,3-Dichloropropene	50.000	47.020	6.0	76	0.00
54	T	cis-1,3-Dichloropropene	50.000	47.616	4.8	78	0.00
55	T	1,1,2-Trichloroethane	50.000	50.379	-0.8	83	0.00
56	T	Ethyl methacrylate	50.000	49.386	1.2	79	0.00
57	T	1,3-Dichloropropane	50.000	49.597	0.8	81	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	245.918	1.6	82	0.00
59	T	2-Hexanone	250.000	253.988	-1.6	81	0.00
60	T	Dibromochloromethane	50.000	50.696	-1.4	82	0.00
61	T	1,2-Dibromoethane	50.000	49.067	1.9	80	0.00
62	S	4-Bromofluorobenzene	50.000	50.360	-0.7	81	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64	T	Tetrachloroethene	50.000	54.504	-9.0	90	0.00
65	PM	Chlorobenzene	50.000	48.699	2.6	80	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.600	-1.2	83	0.00
67	C	Ethyl Benzene	50.000	48.171	3.7#	80	0.00
68	T	m/p-Xylenes	100.000	96.684	3.3	80	0.00
69	T	o-Xylene	50.000	48.372	3.3	80	0.00
70	T	Styrene	50.000	49.467	1.1	81	0.00
71	P	Bromoform	50.000	49.491	1.0	81	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	0.00
73	T	Isopropylbenzene	50.000	46.861	6.3	81	0.00
74	T	N-amyl acetate	50.000	46.882	6.2	78	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.372	3.3	81	0.00
76	T	1,2,3-Trichloropropane	50.000	50.136	-0.3	87	0.00
77	T	Bromobenzene	50.000	47.940	4.1	83	0.00
78	T	n-propylbenzene	50.000	47.226	5.5	82	0.00
79	T	2-Chlorotoluene	50.000	47.134	5.7	81	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.221	5.6	80	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	44.392	11.2	73	0.00
82	T	4-Chlorotoluene	50.000	47.848	4.3	82	0.00
83	T	tert-Butylbenzene	50.000	47.000	6.0	80	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.857	4.3	81	0.00
85	T	sec-Butylbenzene	50.000	47.749	4.5	82	0.00
86	T	p-Isopropyltoluene	50.000	48.143	3.7	82	0.00
87	T	1,3-Dichlorobenzene	50.000	48.101	3.8	82	0.00
88	T	1,4-Dichlorobenzene	50.000	48.532	2.9	83	0.00
89	T	n-Butylbenzene	50.000	47.330	5.3	80	0.00
90	T	Hexachloroethane	50.000	46.984	6.0	81	0.00
91	T	1,2-Dichlorobenzene	50.000	49.261	1.5	84	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.099	1.8	83	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.840	6.3	80	0.00
94	T	Hexachlorobutadiene	50.000	46.248	7.5	81	0.00
95	T	Naphthalene	50.000	47.433	5.1	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.078	3.8	82	0.00

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