Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041522\
Data File : VY008342.D
Acq On : 15 Apr 2022 10:32
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Apr 16 04:56:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 08 16:02:50 2022
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	88	0.00
2	T	Dichlorodifluoromethane	50.000	44.651	10.7	96	0.00
3	P	Chloromethane	50.000	56.977	-14.0	102	0.00
4	C	Vinyl Chloride	50.000	49.955	0.1#	102	0.00
5	T	Bromomethane	50.000	55.642	-11.3	108	0.00
6	T	Chloroethane	50.000	52.132	-4.3	106	0.00
7	T	Trichlorofluoromethane	50.000	51.127	-2.3	104	0.00
8	T	Diethyl Ether	50.000	50.865	-1.7	104	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.878	-1.8	101	0.00
10	T	Methyl Iodide	50.000	53.520	-7.0	103	0.00
11	T	Tert butyl alcohol	250.000	275.231	-10.1	113	0.00
12	CM	1,1-Dichloroethene	50.000	50.808	-1.6#	102	0.00
13	T	Acrolein	250.000	225.218	9.9	69	0.00
14	T	Allyl chloride	50.000	54.267	-8.5	104	0.00
15	T	Acrylonitrile	250.000	261.873	-4.7	103	0.00
16	T	Acetone	250.000	278.499	-11.4	106	0.00
17	T	Carbon Disulfide	50.000	45.592	8.8	93	0.00
18	T	Methyl Acetate	50.000	60.649	-21.3	106	0.00
19	T	Methyl tert-butyl Ether	50.000	54.418	-8.8	105	0.00
20	T	Methylene Chloride	50.000	53.530	-7.1	99	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.981	-4.0	103	0.00
22	T	Diisopropyl ether	50.000	56.113	-12.2	106	0.00
23	T	Vinyl Acetate	250.000	282.098	-12.8	106	0.00
24	P	1,1-Dichloroethane	50.000	55.387	-10.8	107	0.00
25	T	2-Butanone	250.000	276.193	-10.5	109	0.00
26	T	2,2-Dichloropropane	50.000	56.636	-13.3	107	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.851	-9.7	105	0.00
28	T	Bromochloromethane	50.000	56.038	-12.1	95	0.00
29	T	Tetrahydrofuran	250.000	273.386	-9.4	107	0.00
30	C	Chloroform	50.000	56.343	-12.7#	109	0.00
31	T	Cyclohexane	50.000	46.743	6.5	96	0.00
32	T	1,1,1-Trichloroethane	50.000	55.977	-12.0	107	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.330	7.3	92	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35	S	Dibromofluoromethane	50.000	45.099	9.8	92	0.00
36	T	1,1-Dichloropropene	50.000	50.243	-0.5	103	0.00
37	T	Ethyl Acetate	50.000	50.902	-1.8	106	0.00
38	T	Carbon Tetrachloride	50.000	51.510	-3.0	104	0.00
39	T	Methylcyclohexane	50.000	47.674	4.7	98	0.00
40	TM	Benzene	50.000	51.466	-2.9	106	0.00
41	T	Methacrylonitrile	50.000	48.971	2.1	97	0.00
42	TM	1,2-Dichloroethane	50.000	51.153	-2.3	105	0.00
43	T	Isopropyl Acetate	50.000	52.627	-5.3	110	0.00
44	TM	Trichloroethene	50.000	51.228	-2.5	104	0.00
45	C	1,2-Dichloropropane	50.000	53.058	-6.1#	108	0.00
46	T	Dibromomethane	50.000	50.850	-1.7	104	0.00
47	T	Bromodichloromethane	50.000	53.020	-6.0	107	0.00
48	T	Methyl methacrylate	50.000	52.321	-4.6	111	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	987.671	1.2	97	0.00
50	S	Toluene-d8	50.000	44.186	11.6	89	0.00
51	T	4-Methyl-2-Pentanone	250.000	268.340	-7.3	112	0.00
52	CM	Toluene	50.000	51.777	-3.6#	105	0.00
53	T	t-1,3-Dichloropropene	50.000	52.823	-5.6	106	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.549	-5.1	106	0.00
55	T	1,1,2-Trichloroethane	50.000	51.623	-3.2	105	0.00
56	T	Ethyl methacrylate	50.000	53.568	-7.1	107	0.00
57	T	1,3-Dichloropropane	50.000	51.734	-3.5	106	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	210.063	16.0	88	0.00
59	T	2-Hexanone	250.000	273.662	-9.5	113	0.00
60	T	Dibromochloromethane	50.000	52.270	-4.5	104	0.00
61	T	1,2-Dibromoethane	50.000	50.018	-0.0	102	0.00
62	S	4-Bromofluorobenzene	50.000	41.746	16.5	87	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64	T	Tetrachloroethene	50.000	50.655	-1.3	99	0.00
65	PM	Chlorobenzene	50.000	54.543	-9.1	105	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	56.092	-12.2	105	0.00
67	C	Ethyl Benzene	50.000	55.895	-11.8#	106	0.00
68	T	m/p-Xylenes	100.000	111.937	-11.9	106	0.00
69	T	o-Xylene	50.000	55.212	-10.4	103	0.00
70	T	Styrene	50.000	57.933	-15.9	107	0.00
71	P	Bromoform	50.000	54.587	-9.2	101	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73	T	Isopropylbenzene	50.000	56.819	-13.6	105	0.00
74	T	N-amyl acetate	50.000	58.661	-17.3	112	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	56.258	-12.5	107	0.00
76	T	1,2,3-Trichloropropane	50.000	47.199	5.6	84	0.00
77	T	Bromobenzene	50.000	53.056	-6.1	100	0.00
78	T	n-propylbenzene	50.000	57.037	-14.1	106	0.00
79	T	2-Chlorotoluene	50.000	56.977	-14.0	107	0.00
80	T	1,3,5-Trimethylbenzene	50.000	57.821	-15.6	107	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	59.758	-19.5	110	0.00
82	T	4-Chlorotoluene	50.000	58.460	-16.9	110	0.00
83	T	tert-Butylbenzene	50.000	57.765	-15.5	106	0.00
84	T	1,2,4-Trimethylbenzene	50.000	58.390	-16.8	107	0.00
85	T	sec-Butylbenzene	50.000	57.751	-15.5	106	0.00
86	T	p-Isopropyltoluene	50.000	58.593	-17.2	106	0.00
87	T	1,3-Dichlorobenzene	50.000	56.976	-14.0	104	0.00
88	T	1,4-Dichlorobenzene	50.000	56.205	-12.4	104	0.00
89	T	n-Butylbenzene	50.000	57.363	-14.7	105	0.00
90	T	Hexachloroethane	50.000	56.460	-12.9	102	0.00
91	T	1,2-Dichlorobenzene	50.000	55.977	-12.0	103	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	55.874	-11.7	105	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.627	0.7	95	0.00
94	T	Hexachlorobutadiene	50.000	48.318	3.4	93	0.00
95	T	Naphthalene	50.000	51.184	-2.4	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.294	3.4	94	0.00

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