Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042022\
Data File : VY008432.D
Acq On : 20 Apr 2022 20:35
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Apr 21 02:43:03 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	97	0.00
2	T	Dichlorodifluoromethane	50.000	40.895	18.2	96	0.00
3	P	Chloromethane	50.000	43.594	12.8	89	0.00
4	C	Vinyl Chloride	50.000	41.076	17.8#	92	0.00
5	T	Bromomethane	50.000	51.188	-2.4	110	0.00
6	T	Chloroethane	50.000	43.121	13.8	97	0.00
7	T	Trichlorofluoromethane	50.000	48.657	2.7	109	0.00
8	T	Diethyl Ether	50.000	49.844	0.3	112	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.338	5.3	103	0.00
10	T	Methyl Iodide	50.000	40.360	19.3	85	0.00
11	T	Tert butyl alcohol	250.000	295.665	-18.3	134	0.00
12	CM	1,1-Dichloroethene	50.000	46.578	6.8#	103	0.00
13	T	Acrolein	250.000	203.287	18.7	69	0.00
14	T	Allyl chloride	50.000	48.333	3.3	102	0.00
15	T	Acrylonitrile	250.000	265.982	-6.4	116	0.00
16	T	Acetone	250.000	246.001	1.6	103	0.00
17	T	Carbon Disulfide	50.000	37.019	26.0#	84	0.00
18	T	Methyl Acetate	50.000	61.364	-22.7	118	0.00
19	T	Methyl tert-butyl Ether	50.000	53.259	-6.5	114	0.00
20	T	Methylene Chloride	50.000	53.466	-6.9	109	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.017	8.0	100	0.00
22	T	Diisopropyl ether	50.000	51.960	-3.9	109	-0.01
23	T	Vinyl Acetate	250.000	266.476	-6.6	111	0.00
24	P	1,1-Dichloroethane	50.000	51.069	-2.1	109	0.00
25	T	2-Butanone	250.000	268.204	-7.3	117	0.00
26	T	2,2-Dichloropropane	50.000	50.850	-1.7	106	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.099	-0.2	106	0.00
28	T	Bromochloromethane	50.000	55.982	-12.0	104	0.00
29	T	Tetrahydrofuran	250.000	268.700	-7.5	116	0.00
30	C	Chloroform	50.000	52.509	-5.0#	112	0.00
31	T	Cyclohexane	50.000	39.951	20.1	91	0.00
32	T	1,1,1-Trichloroethane	50.000	51.562	-3.1	108	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.200	1.6	108	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35	S	Dibromofluoromethane	50.000	49.978	0.0	108	0.00
36	T	1,1-Dichloropropene	50.000	45.534	8.9	99	0.00
37	T	Ethyl Acetate	50.000	52.679	-5.4	117	0.00
38	T	Carbon Tetrachloride	50.000	48.597	2.8	104	0.00
39	T	Methylcyclohexane	50.000	42.375	15.3	92	0.00
40	TM	Benzene	50.000	48.026	3.9	105	0.00
41	T	Methacrylonitrile	50.000	56.096	-12.2	117	0.00
42	TM	1,2-Dichloroethane	50.000	49.935	0.1	109	0.00
43	T	Isopropyl Acetate	50.000	53.876	-7.8	119	0.00
44	TM	Trichloroethene	50.000	47.239	5.5	102	0.00
45	C	1,2-Dichloropropane	50.000	50.482	-1.0#	109	0.00
46	T	Dibromomethane	50.000	51.207	-2.4	111	0.00
47	T	Bromodichloromethane	50.000	51.684	-3.4	111	0.00
48	T	Methyl methacrylate	50.000	53.734	-7.5	121	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	1095.733	-9.6	114	0.00
50	S	Toluene-d8	50.000	47.833	4.3	102	0.00
51	T	4-Methyl-2-Pentanone	250.000	279.549	-11.8	123	0.00
52	CM	Toluene	50.000	49.035	1.9#	105	0.00
53	T	t-1,3-Dichloropropene	50.000	51.509	-3.0	110	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.663	-1.3	108	0.00
55	T	1,1,2-Trichloroethane	50.000	52.633	-5.3	113	0.00
56	T	Ethyl methacrylate	50.000	55.013	-10.0	116	0.00
57	T	1,3-Dichloropropane	50.000	50.936	-1.9	110	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	226.196	9.5	100	0.00
59	T	2-Hexanone	250.000	278.303	-11.3	121	0.00
60	T	Dibromochloromethane	50.000	53.454	-6.9	112	0.00
61	T	1,2-Dibromoethane	50.000	50.875	-1.8	109	0.00
62	S	4-Bromofluorobenzene	50.000	49.480	1.0	109	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	101	0.00
64	T	Tetrachloroethene	50.000	46.783	6.4	101	0.00
65	PM	Chlorobenzene	50.000	50.465	-0.9	107	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.132	-8.3	112	0.00
67	C	Ethyl Benzene	50.000	50.984	-2.0#	107	0.00
68	T	m/p-Xylenes	100.000	103.249	-3.2	108	0.00
69	T	o-Xylene	50.000	52.844	-5.7	109	0.00
70	T	Styrene	50.000	54.220	-8.4	111	0.00
71	P	Bromoform	50.000	55.994	-12.0	115	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73	T	Isopropylbenzene	50.000	48.761	2.5	108	0.00
74	T	N-amyl acetate	50.000	52.695	-5.4	121	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.864	-3.7	118	0.00
76	T	1,2,3-Trichloropropane	50.000	51.110	-2.2	109	0.00
77	T	Bromobenzene	50.000	47.063	5.9	107	0.00
78	T	n-propylbenzene	50.000	48.170	3.7	107	0.00
79	T	2-Chlorotoluene	50.000	48.939	2.1	110	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.241	-0.5	111	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.736	-5.5	117	0.00
82	T	4-Chlorotoluene	50.000	49.608	0.8	112	0.00
83	T	tert-Butylbenzene	50.000	51.507	-3.0	113	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.068	-2.1	113	0.00
85	T	sec-Butylbenzene	50.000	50.216	-0.4	111	0.00
86	T	p-Isopropyltoluene	50.000	50.566	-1.1	110	0.00
87	T	1,3-Dichlorobenzene	50.000	50.242	-0.5	110	0.00
88	T	1,4-Dichlorobenzene	50.000	49.949	0.1	111	0.00
89	T	n-Butylbenzene	50.000	48.523	3.0	106	0.00
90	T	Hexachloroethane	50.000	51.206	-2.4	111	0.00
91	T	1,2-Dichlorobenzene	50.000	50.820	-1.6	112	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.218	-6.4	120	0.00
93	T	1,2,4-Trichlorobenzene	50.000	44.259	11.5	102	0.00
94	T	Hexachlorobutadiene	50.000	43.564	12.9	101	0.00
95	T	Naphthalene	50.000	48.871	2.3	112	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.621	10.8	104	0.00

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