Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042822\
Data File : VY008552.D
Acq On : 28 Apr 2022 16:56
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Apr 29 02:02:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 21 14:28:40 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	113	0.00
2	T	Dichlorodifluoromethane	50.000	49.079	1.8	111	0.00
3	P	Chloromethane	50.000	53.027	-6.1	114	0.00
4	C	Vinyl Chloride	50.000	55.019	-10.0#	116	0.00
5	T	Bromomethane	50.000	53.213	-6.4	123	0.00
6	T	Chloroethane	50.000	54.877	-9.8	118	0.00
7	T	Trichlorofluoromethane	50.000	51.396	-2.8	116	0.00
8	T	Diethyl Ether	50.000	50.989	-2.0	110	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.559	-5.1	120	0.00
10	T	Methyl Iodide	50.000	45.921	8.2	101	0.00
11	T	Tert butyl alcohol	250.000	269.761	-7.9	116	0.00
12	CM	1,1-Dichloroethene	50.000	50.855	-1.7#	112	0.00
13	T	Acrolein	250.000	197.554	21.0	87	0.00
14	T	Allyl chloride	50.000	53.205	-6.4	116	0.00
15	T	Acrylonitrile	250.000	250.663	-0.3	107	0.00
16	T	Acetone	250.000	217.732	12.9	89	0.00
17	T	Carbon Disulfide	50.000	48.343	3.3	104	0.00
18	T	Methyl Acetate	50.000	47.923	4.2	108	0.00
19	T	Methyl tert-butyl Ether	50.000	52.107	-4.2	110	0.00
20	T	Methylene Chloride	50.000	50.903	-1.8	106	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.364	-2.7	112	0.00
22	T	Diisopropyl ether	50.000	53.841	-7.7	115	0.00
23	T	Vinyl Acetate	250.000	272.804	-9.1	112	0.00
24	P	1,1-Dichloroethane	50.000	54.196	-8.4	117	0.00
25	T	2-Butanone	250.000	253.294	-1.3	105	0.00
26	T	2,2-Dichloropropane	50.000	55.162	-10.3	120	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.577	-9.2	117	0.00
28	T	Bromochloromethane	50.000	51.293	-2.6	105	0.00
29	T	Tetrahydrofuran	250.000	262.273	-4.9	112	0.00
30	C	Chloroform	50.000	55.383	-10.8#	118	0.00
31	T	Cyclohexane	50.000	51.203	-2.4	119	0.00
32	T	1,1,1-Trichloroethane	50.000	56.757	-13.5	123	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.198	-6.4	105	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	112	0.00
35	S	Dibromofluoromethane	50.000	54.037	-8.1	106	0.00
36	T	1,1-Dichloropropene	50.000	52.792	-5.6	117	0.00
37	T	Ethyl Acetate	50.000	52.426	-4.9	117	0.00
38	T	Carbon Tetrachloride	50.000	55.258	-10.5	122	0.00
39	T	Methylcyclohexane	50.000	54.410	-8.8	120	0.00
40	TM	Benzene	50.000	54.243	-8.5	117	0.00
41	T	Methacrylonitrile	50.000	50.275	-0.5	125	0.01
42	TM	1,2-Dichloroethane	50.000	53.736	-7.5	114	0.00
43	T	Isopropyl Acetate	50.000	54.149	-8.3	114	0.00
44	TM	Trichloroethene	50.000	54.977	-10.0	122	0.00
45	C	1,2-Dichloropropane	50.000	55.985	-12.0#	118	0.00
46	T	Dibromomethane	50.000	53.584	-7.2	112	0.00
47	T	Bromodichloromethane	50.000	56.047	-12.1	118	0.00
48	T	Methyl methacrylate	50.000	54.936	-9.9	115	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	1107.555	-10.8	116	0.00
50	S	Toluene-d8	50.000	49.637	0.7	106	0.00
51	T	4-Methyl-2-Pentanone	250.000	273.893	-9.6	115	0.00
52	CM	Toluene	50.000	55.483	-11.0#	120	0.00
53	T	t-1,3-Dichloropropene	50.000	55.286	-10.6	114	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.081	-8.2	115	0.00
55	T	1,1,2-Trichloroethane	50.000	54.500	-9.0	115	0.00
56	T	Ethyl methacrylate	50.000	56.283	-12.6	115	0.00
57	T	1,3-Dichloropropane	50.000	54.226	-8.5	113	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	241.739	3.3	98	0.00
59	T	2-Hexanone	250.000	276.414	-10.6	113	0.00
60	T	Dibromochloromethane	50.000	56.865	-13.7	117	0.00
61	T	1,2-Dibromoethane	50.000	54.794	-9.6	116	0.00
62	S	4-Bromofluorobenzene	50.000	52.214	-4.4	105	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	109	0.00
64	T	Tetrachloroethene	50.000	54.774	-9.5	125	0.00
65	PM	Chlorobenzene	50.000	55.190	-10.4	120	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	56.760	-13.5	122	0.00
67	C	Ethyl Benzene	50.000	56.044	-12.1#	123	0.00
68	T	m/p-Xylenes	100.000	113.440	-13.4	124	0.00
69	T	o-Xylene	50.000	56.990	-14.0	124	0.00
70	T	Styrene	50.000	56.931	-13.9	120	0.00
71	P	Bromoform	50.000	55.775	-11.5	118	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	113	0.00
73	T	Isopropylbenzene	50.000	55.710	-11.4	127	0.00
74	T	N-amyl acetate	50.000	55.959	-11.9	118	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.130	-6.3	114	0.00
76	T	1,2,3-Trichloropropane	50.000	44.909	10.2	99	0.00
77	T	Bromobenzene	50.000	53.617	-7.2	119	0.00
78	T	n-propylbenzene	50.000	55.402	-10.8	125	0.00
79	T	2-Chlorotoluene	50.000	54.947	-9.9	123	0.00
80	T	1,3,5-Trimethylbenzene	50.000	56.974	-13.9	130	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	55.280	-10.6	116	0.00
82	T	4-Chlorotoluene	50.000	55.728	-11.5	123	0.00
83	T	tert-Butylbenzene	50.000	57.263	-14.5	131	0.00
84	T	1,2,4-Trimethylbenzene	50.000	57.929	-15.9	131	0.00
85	T	sec-Butylbenzene	50.000	58.143	-16.3	131	0.00
86	T	p-Isopropyltoluene	50.000	58.425	-16.8	133	0.00
87	T	1,3-Dichlorobenzene	50.000	55.203	-10.4	125	0.00
88	T	1,4-Dichlorobenzene	50.000	54.645	-9.3	125	0.00
89	T	n-Butylbenzene	50.000	57.804	-15.6	128	0.00
90	T	Hexachloroethane	50.000	59.375	-18.8	131	0.00
91	T	1,2-Dichlorobenzene	50.000	54.934	-9.9	125	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.935	-9.9	120	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.713	-9.4	122	0.00
94	T	Hexachlorobutadiene	50.000	57.091	-14.2	132	0.00
95	T	Naphthalene	50.000	55.114	-10.2	119	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	55.347	-10.7	122	0.00

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