Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
Data File : VY008855.D
Acq On : 19 May 2022 08:01
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 19 09:16:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 07:32:50 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	96	0.00
2	T	Dichlorodifluoromethane	50.000	46.381	7.2	91	0.00
3	P	Chloromethane	50.000	53.884	-7.8	94	0.00
4	C	Vinyl Chloride	50.000	48.446	3.1#	89	0.00
5	T	Bromomethane	50.000	53.466	-6.9	112	0.00
6	T	Chloroethane	50.000	47.265	5.5	90	0.00
7	T	Trichlorofluoromethane	50.000	45.647	8.7	86	0.00
8	T	Diethyl Ether	50.000	51.893	-3.8	109	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.995	2.0	92	0.00
10	T	Methyl Iodide	50.000	43.240	13.5	88	0.00
11	T	Tert butyl alcohol	250.000	196.707	21.3	81	0.01
12	CM	1,1-Dichloroethene	50.000	43.814	12.4#	94	0.00
13	T	Acrolein	250.000	108.040	56.8#	64	0.00
14	T	Allyl chloride	50.000	47.841	4.3	102	0.00
15	T	Acrylonitrile	250.000	218.651	12.5	89	0.00
16	T	Acetone	250.000	215.750	13.7	83	0.00
17	T	Carbon Disulfide	50.000	46.878	6.2	93	0.00
18	T	Methyl Acetate	50.000	49.715	0.6	100	0.00
19	T	Methyl tert-butyl Ether	50.000	56.013	-12.0	114	0.00
20	T	Methylene Chloride	50.000	57.685	-15.4	110	0.01
21	T	trans-1,2-Dichloroethene	50.000	47.069	5.9	99	0.00
22	T	Diisopropyl ether	50.000	59.445	-18.9	120	0.00
23	T	Vinyl Acetate	250.000	270.162	-8.1	105	0.00
24	P	1,1-Dichloroethane	50.000	52.749	-5.5	110	0.00
25	T	2-Butanone	250.000	219.985	12.0	88	0.00
26	T	2,2-Dichloropropane	50.000	41.448	17.1	86	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.440	-4.9	108	0.00
28	T	Bromochloromethane	50.000	56.178	-12.4	110	0.00
29	T	Tetrahydrofuran	250.000	222.737	10.9	88	0.00
30	C	Chloroform	50.000	54.129	-8.3#	110	0.00
31	T	Cyclohexane	50.000	49.207	1.6	97	0.00
32	T	1,1,1-Trichloroethane	50.000	49.604	0.8	101	0.00
33	S	1,2-Dichloroethane-d4	50.000	58.198	-16.4	103	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	107	0.00
35	S	Dibromofluoromethane	50.000	48.888	2.2	100	0.00
36	T	1,1-Dichloropropene	50.000	42.957	14.1	98	0.00
37	T	Ethyl Acetate	50.000	40.563	18.9	94	0.00
38	T	Carbon Tetrachloride	50.000	42.960	14.1	98	0.00
39	T	Methylcyclohexane	50.000	44.079	11.8	98	0.00
40	TM	Benzene	50.000	48.233	3.5	107	0.00
41	T	Methacrylonitrile	50.000	40.010	20.0	91	0.00
42	TM	1,2-Dichloroethane	50.000	49.559	0.9	111	0.00
43	T	Isopropyl Acetate	50.000	47.366	5.3	103	0.00
44	TM	Trichloroethene	50.000	45.730	8.5	102	0.00
45	C	1,2-Dichloropropane	50.000	51.871	-3.7#	114	0.00
46	T	Dibromomethane	50.000	48.638	2.7	111	0.00
47	T	Bromodichloromethane	50.000	52.153	-4.3	116	0.00
48	T	Methyl methacrylate	50.000	48.241	3.5	104	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	844.854	15.5	90	0.00
50	S	Toluene-d8	50.000	46.560	6.9	99	0.00
51	T	4-Methyl-2-Pentanone	250.000	229.035	8.4	98	0.00
52	CM	Toluene	50.000	50.976	-2.0#	108	0.00
53	T	t-1,3-Dichloropropene	50.000	51.211	-2.4	109	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.086	-0.2	110	0.00
55	T	1,1,2-Trichloroethane	50.000	52.599	-5.2	113	0.00
56	T	Ethyl methacrylate	50.000	55.258	-10.5	114	0.00
57	T	1,3-Dichloropropane	50.000	51.661	-3.3	112	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	270.650	-8.3	112	0.00
59	T	2-Hexanone	250.000	222.892	10.8	91	0.00
60	T	Dibromochloromethane	50.000	53.406	-6.8	116	0.00
61	T	1,2-Dibromoethane	50.000	51.393	-2.8	111	0.00
62	S	4-Bromofluorobenzene	50.000	48.135	3.7	105	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	113	0.00
64	T	Tetrachloroethene	50.000	43.333	13.3	106	0.00
65	PM	Chlorobenzene	50.000	47.709	4.6	112	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.718	-1.4	119	0.00
67	C	Ethyl Benzene	50.000	47.989	4.0#	109	0.00
68	T	m/p-Xylenes	100.000	98.860	1.1	108	0.00
69	T	o-Xylene	50.000	51.206	-2.4	112	0.00
70	T	Styrene	50.000	53.301	-6.6	114	0.00
71	P	Bromoform	50.000	49.052	1.9	112	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	110	0.00
73	T	Isopropylbenzene	50.000	45.010	10.0	110	0.00
74	T	N-amyl acetate	50.000	45.038	9.9	108	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	43.214	13.6	110	0.00
76	T	1,2,3-Trichloropropane	50.000	42.709	14.6	108	0.00
77	T	Bromobenzene	50.000	45.769	8.5	115	0.00
78	T	n-propylbenzene	50.000	44.624	10.8	106	0.00
79	T	2-Chlorotoluene	50.000	46.775	6.5	111	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.490	3.0	110	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	37.443	25.1#	88	0.00
82	T	4-Chlorotoluene	50.000	47.486	5.0	108	0.00
83	T	tert-Butylbenzene	50.000	47.834	4.3	109	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.617	0.8	111	0.00
85	T	sec-Butylbenzene	50.000	47.500	5.0	107	0.00
86	T	p-Isopropyltoluene	50.000	48.055	3.9	105	0.00
87	T	1,3-Dichlorobenzene	50.000	47.809	4.4	110	0.00
88	T	1,4-Dichlorobenzene	50.000	48.200	3.6	110	0.00
89	T	n-Butylbenzene	50.000	44.386	11.2	100	0.00
90	T	Hexachloroethane	50.000	48.698	2.6	115	0.00
91	T	1,2-Dichlorobenzene	50.000	49.096	1.8	113	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	38.667	22.7	96	0.00
93	T	1,2,4-Trichlorobenzene	50.000	45.812	8.4	110	0.00
94	T	Hexachlorobutadiene	50.000	43.448	13.1	108	0.00
95	T	Naphthalene	50.000	44.611	10.8	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.225	5.5	114	0.00

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