Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100821\
Data File : VY006347.D
Acq On : 07 Oct 2021 21:17
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_Y
LabSampleId : VSTDCCC050

Quant Time: Oct 08 07:16:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 17:44:36 2021
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	73	0.00
2	T	Dichlorodifluoromethane	50.000	38.771	22.5	58	0.00
3	P	Chloromethane	50.000	41.359	17.3	59	0.00
4	C	Vinyl Chloride	50.000	42.279	15.4#	62	0.00
5	T	Bromomethane	50.000	56.005	-12.0	88	0.00
6	T	Chloroethane	50.000	46.202	7.6	67	0.00
7	T	Trichlorofluoromethane	50.000	42.856	14.3	63	0.00
8	T	Diethyl Ether	50.000	46.657	6.7	66	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	41.824	16.4	62	0.00
10	T	Methyl Iodide	50.000	25.165	49.7#	35	0.00
11	T	Tert butyl alcohol	250.000	232.120	7.2	67	0.00
12	CM	1,1-Dichloroethene	50.000	41.643	16.7#	61	0.00
13	T	Acrolein	250.000	219.853	12.1	60	0.00
14	T	Allyl chloride	50.000	42.936	14.1	62	0.00
15	T	Acrylonitrile	250.000	235.628	5.7	67	0.00
16	T	Acetone	250.000	198.084	20.8	49	0.00
17	T	Carbon Disulfide	50.000	40.481	19.0	59	0.00
18	T	Methyl Acetate	50.000	48.748	2.5	69	0.00
19	T	Methyl tert-butyl Ether	50.000	48.141	3.7	68	0.00
20	T	Methylene Chloride	50.000	52.179	-4.4	74	0.00
21	T	trans-1,2-Dichloroethene	50.000	44.231	11.5	64	0.00
22	T	Diisopropyl ether	50.000	45.641	8.7	65	0.00
23	T	Vinyl Acetate	250.000	225.652	9.7	63	0.00
24	P	1,1-Dichloroethane	50.000	44.849	10.3	66	0.00
25	T	2-Butanone	250.000	220.435	11.8	58	0.00
26	T	2,2-Dichloropropane	50.000	41.990	16.0	62	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.248	7.5	67	0.00
28	T	Bromochloromethane	50.000	49.953	0.1	74	0.00
29	T	Tetrahydrofuran	250.000	228.526	8.6	64	0.00
30	C	Chloroform	50.000	47.092	5.8#	69	0.00
31	T	Cyclohexane	50.000	37.929	24.1	58	0.00
32	T	1,1,1-Trichloroethane	50.000	46.251	7.5	67	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.303	-2.6	77	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	74	0.00
35	S	Dibromofluoromethane	50.000	48.899	2.2	75	0.00
36	T	1,1-Dichloropropene	50.000	41.723	16.6	63	0.00
37	T	Ethyl Acetate	50.000	43.917	12.2	63	0.00
38	T	Carbon Tetrachloride	50.000	44.859	10.3	67	0.00
39	T	Methylcyclohexane	50.000	40.771	18.5	60	0.00
40	TM	Benzene	50.000	44.610	10.8	66	0.00
41	T	Methacrylonitrile	50.000	38.361	23.3	57	0.00
42	TM	1,2-Dichloroethane	50.000	48.344	3.3	70	0.00
43	T	Isopropyl Acetate	50.000	45.520	9.0	65	0.00
44	TM	Trichloroethene	50.000	46.103	7.8	69	0.00
45	C	1,2-Dichloropropane	50.000	44.666	10.7#	66	0.00
46	T	Dibromomethane	50.000	47.112	5.8	68	0.00
47	T	Bromodichloromethane	50.000	47.122	5.8	69	0.00
48	T	Methyl methacrylate	50.000	44.978	10.0	63	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	899.805	10.0	64	0.00
50	S	Toluene-d8	50.000	48.015	4.0	74	0.00
51	T	4-Methyl-2-Pentanone	250.000	238.368	4.7	67	0.00
52	CM	Toluene	50.000	45.808	8.4#	68	0.00
53	T	t-1,3-Dichloropropene	50.000	45.138	9.7	66	0.00
54	T	cis-1,3-Dichloropropene	50.000	45.073	9.9	65	0.00
55	T	1,1,2-Trichloroethane	50.000	47.777	4.4	69	0.00
56	T	Ethyl methacrylate	50.000	47.437	5.1	66	0.00
57	T	1,3-Dichloropropane	50.000	46.498	7.0	67	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	226.522	9.4	66	0.00
59	T	2-Hexanone	250.000	235.056	6.0	64	0.00
60	T	Dibromochloromethane	50.000	49.346	1.3	71	0.00
61	T	1,2-Dibromoethane	50.000	46.537	6.9	66	0.00
62	S	4-Bromofluorobenzene	50.000	49.900	0.2	76	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	77	0.00
64	T	Tetrachloroethene	50.000	50.739	-1.5	79	0.00
65	PM	Chlorobenzene	50.000	45.128	9.7	69	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	46.918	6.2	71	0.00
67	C	Ethyl Benzene	50.000	44.388	11.2#	68	0.00
68	T	m/p-Xylenes	100.000	90.316	9.7	69	0.00
69	T	o-Xylene	50.000	45.882	8.2	70	0.00
70	T	Styrene	50.000	46.971	6.1	70	0.00
71	P	Bromoform	50.000	48.193	3.6	71	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	81	0.00
73	T	Isopropylbenzene	50.000	42.486	15.0	69	0.00
74	T	N-amyl acetate	50.000	42.640	14.7	65	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	40.971	18.1	65	0.00
76	T	1,2,3-Trichloropropane	50.000	48.408	3.2	80	0.00
77	T	Bromobenzene	50.000	44.379	11.2	71	0.00
78	T	n-propylbenzene	50.000	41.885	16.2	68	0.00
79	T	2-Chlorotoluene	50.000	42.991	14.0	70	0.00
80	T	1,3,5-Trimethylbenzene	50.000	43.383	13.2	70	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	40.831	18.3	63	0.00
82	T	4-Chlorotoluene	50.000	43.920	12.2	71	0.00
83	T	tert-Butylbenzene	50.000	43.481	13.0	71	0.00
84	T	1,2,4-Trimethylbenzene	50.000	43.871	12.3	71	0.00
85	T	sec-Butylbenzene	50.000	42.787	14.4	69	0.00
86	T	p-Isopropyltoluene	50.000	43.196	13.6	70	0.00
87	T	1,3-Dichlorobenzene	50.000	44.978	10.0	73	0.00
88	T	1,4-Dichlorobenzene	50.000	44.885	10.2	73	0.00
89	T	n-Butylbenzene	50.000	41.673	16.7	68	0.00
90	T	Hexachloroethane	50.000	44.079	11.8	71	0.00
91	T	1,2-Dichlorobenzene	50.000	46.361	7.3	75	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	43.767	12.5	71	0.00
93	T	1,2,4-Trichlorobenzene	50.000	45.475	9.0	74	0.00
94	T	Hexachlorobutadiene	50.000	43.736	12.5	71	0.00
95	T	Naphthalene	50.000	44.821	10.4	71	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.689	8.6	74	0.00

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