Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091021\
Data File : VD070294.D
Acq On : 10 Sep 2021 12:24
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Sep 11 02:23:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 09 03:07:09 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	90	0.00
2	T	Dichlorodifluoromethane	50.000	47.499	5.0	91	0.00
3	P	Chloromethane	50.000	46.134	7.7	89	0.00
4	C	Vinyl Chloride	50.000	43.619	12.8#	90	0.00
5	T	Bromomethane	50.000	52.323	-4.6	100	0.00
6	T	Chloroethane	50.000	49.955	0.1	97	0.00
7	T	Trichlorofluoromethane	50.000	44.815	10.4	87	0.00
8	T	Diethyl Ether	50.000	41.629	16.7	75	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.751	8.5	88	0.00
10	T	Methyl Iodide	50.000	40.964	18.1	72	0.00
11	T	Tert butyl alcohol	250.000	137.088	45.2#	72	-0.01
12	CM	1,1-Dichloroethene	50.000	43.978	12.0#	82	0.00
13	T	Acrolein	250.000	292.496	-17.0	111	0.00
14	T	Allyl chloride	50.000	44.096	11.8	84	0.00
15	T	Acrylonitrile	250.000	212.137	15.1	81	0.00
16	T	Acetone	250.000	241.964	3.2	97	0.00
17	T	Carbon Disulfide	50.000	44.317	11.4	86	0.00
18	T	Methyl Acetate	50.000	43.388	13.2	84	0.00
19	T	Methyl tert-butyl Ether	50.000	43.839	12.3	77	0.00
20	T	Methylene Chloride	50.000	49.362	1.3	88	0.00
21	T	trans-1,2-Dichloroethene	50.000	45.456	9.1	84	0.00
22	T	Diisopropyl ether	50.000	47.227	5.5	87	0.00
23	T	Vinyl Acetate	250.000	233.834	6.5	86	0.00
24	P	1,1-Dichloroethane	50.000	44.291	11.4	87	0.00
25	T	2-Butanone	250.000	222.179	11.1	88	0.00
26	T	2,2-Dichloropropane	50.000	45.238	9.5	89	0.00
27	T	cis-1,2-Dichloroethene	50.000	44.668	10.7	82	0.00
28	T	Bromochloromethane	50.000	51.268	-2.5	100	0.00
29	T	Tetrahydrofuran	250.000	215.504	13.8	83	0.00
30	C	Chloroform	50.000	44.005	12.0#	86	0.00
31	T	Cyclohexane	50.000	45.397	9.2	88	0.00
32	T	1,1,1-Trichloroethane	50.000	44.494	11.0	86	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.428	9.1	93	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.00
35	S	Dibromofluoromethane	50.000	48.713	2.6	90	0.00
36	T	1,1-Dichloropropene	50.000	48.886	2.2	88	0.00
37	T	Ethyl Acetate	50.000	45.148	9.7	87	0.00
38	T	Carbon Tetrachloride	50.000	47.219	5.6	85	0.00
39	T	Methylcyclohexane	50.000	49.973	0.1	84	0.00
40	TM	Benzene	50.000	47.367	5.3	84	0.00
41	T	Methacrylonitrile	50.000	43.750	12.5	85	0.00
42	TM	1,2-Dichloroethane	50.000	46.158	7.7	87	0.00
43	T	Isopropyl Acetate	50.000	44.790	10.4	85	0.00
44	TM	Trichloroethene	50.000	46.525	7.0	82	0.00
45	C	1,2-Dichloropropane	50.000	46.865	6.3#	87	0.00
46	T	Dibromomethane	50.000	45.328	9.3	84	0.00
47	T	Bromodichloromethane	50.000	46.201	7.6	85	0.00
48	T	Methyl methacrylate	50.000	47.939	4.1	86	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	920.776	7.9	76	0.00
50	S	Toluene-d8	50.000	51.477	-3.0	90	0.00
51	T	4-Methyl-2-Pentanone	250.000	232.980	6.8	85	0.00
52	CM	Toluene	50.000	49.146	1.7#	83	0.00
53	T	t-1,3-Dichloropropene	50.000	46.883	6.2	83	0.00
54	T	cis-1,3-Dichloropropene	50.000	47.099	5.8	86	0.00
55	T	1,1,2-Trichloroethane	50.000	45.304	9.4	81	0.00
56	T	Ethyl methacrylate	50.000	46.132	7.7	76	0.00
57	T	1,3-Dichloropropane	50.000	46.071	7.9	83	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	285.016	-14.0	101	0.00
59	T	2-Hexanone	250.000	242.349	3.1	86	0.00
60	T	Dibromochloromethane	50.000	45.387	9.2	79	0.00
61	T	1,2-Dibromoethane	50.000	45.048	9.9	81	0.00
62	S	4-Bromofluorobenzene	50.000	49.626	0.7	88	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	88	0.00
64	T	Tetrachloroethene	50.000	48.373	3.3	83	0.00
65	PM	Chlorobenzene	50.000	46.896	6.2	82	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	46.714	6.6	83	0.00
67	C	Ethyl Benzene	50.000	49.933	0.1#	83	0.00
68	T	m/p-Xylenes	100.000	101.294	-1.3	82	0.00
69	T	o-Xylene	50.000	50.451	-0.9	81	0.00
70	T	Styrene	50.000	51.517	-3.0	81	0.00
71	P	Bromoform	50.000	44.768	10.5	78	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73	T	Isopropylbenzene	50.000	48.474	3.1	82	0.00
74	T	N-amyl acetate	50.000	44.783	10.4	85	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	42.638	14.7	82	0.00
76	T	1,2,3-Trichloropropane	50.000	43.557	12.9	82	0.00
77	T	Bromobenzene	50.000	45.289	9.4	81	0.00
78	T	n-propylbenzene	50.000	49.797	0.4	86	0.00
79	T	2-Chlorotoluene	50.000	47.918	4.2	84	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.654	0.7	83	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.666	4.7	88	0.00
82	T	4-Chlorotoluene	50.000	48.004	4.0	84	0.00
83	T	tert-Butylbenzene	50.000	48.801	2.4	82	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.485	-1.0	84	0.00
85	T	sec-Butylbenzene	50.000	50.038	-0.1	85	0.00
86	T	p-Isopropyltoluene	50.000	50.667	-1.3	84	0.00
87	T	1,3-Dichlorobenzene	50.000	45.910	8.2	82	0.00
88	T	1,4-Dichlorobenzene	50.000	45.229	9.5	83	0.00
89	T	n-Butylbenzene	50.000	50.087	-0.2	86	0.00
90	T	Hexachloroethane	50.000	45.929	8.1	88	0.00
91	T	1,2-Dichlorobenzene	50.000	45.113	9.8	81	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	41.221	17.6	81	0.00
93	T	1,2,4-Trichlorobenzene	50.000	44.897	10.2	80	0.00
94	T	Hexachlorobutadiene	50.000	46.100	7.8	89	0.00
95	T	Naphthalene	50.000	43.138	13.7	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.154	11.7	88	0.00

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