Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110822\
Data File : VD074816.D
Acq On : 08 Nov 2022 21:06
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Nov 08 23:40:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 03 02:30:45 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	94	0.00
2	T	Dichlorodifluoromethane	50.000	41.992	16.0	87	0.00
3	P	Chloromethane	50.000	45.892	8.2	92	0.00
4	C	Vinyl Chloride	50.000	48.229	3.5#	92	0.00
5	T	Bromomethane	50.000	49.347	1.3	105	0.00
6	T	Chloroethane	50.000	52.650	-5.3	101	0.00
7	T	Trichlorofluoromethane	50.000	49.730	0.5	94	0.00
8	T	Diethyl Ether	50.000	52.607	-5.2	100	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.730	0.5	96	0.00
10	T	Methyl Iodide	50.000	46.416	7.2	93	0.00
11	T	Tert butyl alcohol	250.000	125.730	49.7#	69	0.00
12	CM	1,1-Dichloroethene	50.000	49.244	1.5#	91	0.00
13	T	Acrolein	250.000	154.012	38.4#	61	0.00
14	T	Allyl chloride	50.000	49.882	0.2	93	0.00
15	T	Acrylonitrile	250.000	263.169	-5.3	99	0.00
16	T	Acetone	250.000	217.289	13.1	80	0.00
17	T	Carbon Disulfide	50.000	47.879	4.2	89	0.00
18	T	Methyl Acetate	50.000	45.707	8.6	96	0.00
19	T	Methyl tert-butyl Ether	50.000	55.122	-10.2	102	0.00
20	T	Methylene Chloride	50.000	52.554	-5.1	100	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.119	-4.2	97	0.00
22	T	Diisopropyl ether	50.000	55.492	-11.0	100	0.00
23	T	Vinyl Acetate	250.000	275.769	-10.3	103	0.00
24	P	1,1-Dichloroethane	50.000	51.754	-3.5	98	0.00
25	T	2-Butanone	250.000	242.650	2.9	92	0.00
26	T	2,2-Dichloropropane	50.000	49.507	1.0	96	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.343	-6.7	100	0.00
28	T	Bromochloromethane	50.000	56.271	-12.5	108	0.00
29	T	Tetrahydrofuran	250.000	267.530	-7.0	98	0.00
30	C	Chloroform	50.000	54.604	-9.2#	104	0.00
31	T	Cyclohexane	50.000	47.897	4.2	92	0.00
32	T	1,1,1-Trichloroethane	50.000	53.406	-6.8	100	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.988	-2.0	102	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35	S	Dibromofluoromethane	50.000	52.153	-4.3	105	0.00
36	T	1,1-Dichloropropene	50.000	52.769	-5.5	97	0.00
37	T	Ethyl Acetate	50.000	54.479	-9.0	103	0.00
38	T	Carbon Tetrachloride	50.000	51.824	-3.6	96	0.00
39	T	Methylcyclohexane	50.000	46.209	7.6	82	0.00
40	TM	Benzene	50.000	53.918	-7.8	100	0.00
41	T	Methacrylonitrile	50.000	48.503	3.0	96	0.00
42	TM	1,2-Dichloroethane	50.000	55.164	-10.3	103	0.00
43	T	Isopropyl Acetate	50.000	52.427	-4.9	98	0.00
44	TM	Trichloroethene	50.000	52.952	-5.9	99	0.00
45	C	1,2-Dichloropropane	50.000	50.383	-0.8#	91	0.00
46	T	Dibromomethane	50.000	50.017	-0.0	91	0.00
47	T	Bromodichloromethane	50.000	51.043	-2.1	92	0.00
48	T	Methyl methacrylate	50.000	50.741	-1.5	90	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	989.719	1.0	85	0.00
50	S	Toluene-d8	50.000	45.772	8.5	97	0.00
51	T	4-Methyl-2-Pentanone	250.000	255.865	-2.3	93	0.00
52	CM	Toluene	50.000	50.575	-1.2#	98	0.00
53	T	t-1,3-Dichloropropene	50.000	51.801	-3.6	101	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.784	-1.6	90	0.00
55	T	1,1,2-Trichloroethane	50.000	51.995	-4.0	105	0.00
56	T	Ethyl methacrylate	50.000	51.789	-3.6	100	0.00
57	T	1,3-Dichloropropane	50.000	52.394	-4.8	105	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	272.704	-9.1	96	0.00
59	T	2-Hexanone	250.000	251.236	-0.5	96	0.00
60	T	Dibromochloromethane	50.000	52.733	-5.5	107	0.00
61	T	1,2-Dibromoethane	50.000	51.181	-2.4	103	0.00
62	S	4-Bromofluorobenzene	50.000	48.984	2.0	99	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64	T	Tetrachloroethene	50.000	52.723	-5.4	103	0.00
65	PM	Chlorobenzene	50.000	54.897	-9.8	102	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	56.604	-13.2	103	0.00
67	C	Ethyl Benzene	50.000	55.290	-10.6#	99	0.00
68	T	m/p-Xylenes	100.000	110.877	-10.9	99	0.00
69	T	o-Xylene	50.000	56.594	-13.2	100	0.00
70	T	Styrene	50.000	57.921	-15.8	103	0.00
71	P	Bromoform	50.000	58.336	-16.7	105	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73	T	Isopropylbenzene	50.000	53.803	-7.6	100	0.00
74	T	N-amyl acetate	50.000	53.222	-6.4	99	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	55.336	-10.7	107	0.00
76	T	1,2,3-Trichloropropane	50.000	54.801	-9.6	104	0.00
77	T	Bromobenzene	50.000	54.717	-9.4	104	0.00
78	T	n-propylbenzene	50.000	53.692	-7.4	99	0.00
79	T	2-Chlorotoluene	50.000	53.232	-6.5	99	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.212	-8.4	99	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.084	-6.2	99	0.00
82	T	4-Chlorotoluene	50.000	53.886	-7.8	102	0.00
83	T	tert-Butylbenzene	50.000	53.898	-7.8	99	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.683	-9.4	101	0.00
85	T	sec-Butylbenzene	50.000	53.083	-6.2	99	0.00
86	T	p-Isopropyltoluene	50.000	53.884	-7.8	100	0.00
87	T	1,3-Dichlorobenzene	50.000	53.742	-7.5	103	0.00
88	T	1,4-Dichlorobenzene	50.000	53.030	-6.1	102	0.00
89	T	n-Butylbenzene	50.000	52.850	-5.7	97	0.00
90	T	Hexachloroethane	50.000	53.897	-7.8	100	0.00
91	T	1,2-Dichlorobenzene	50.000	53.472	-6.9	102	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.668	-7.3	106	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.040	-6.1	102	0.00
94	T	Hexachlorobutadiene	50.000	50.826	-1.7	97	0.00
95	T	Naphthalene	50.000	52.796	-5.6	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.645	-5.3	102	0.00

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