Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050824\
Data File : VD078892.D
Acq On : 08 May 2024 17:15
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: May 09 04:46:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
Quant Title : SW846 8260
QLast Update : Wed May 08 19:40:18 2024
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	97	0.00
2	T	Dichlorodifluoromethane	50.000	36.762	26.5#	77	0.00
3	P	Chloromethane	50.000	40.521	19.0	76	0.00
4	C	Vinyl Chloride	50.000	43.536	12.9#	83	0.00
5	T	Bromomethane	50.000	36.325	27.3#	71	0.00
6	T	Chloroethane	50.000	43.410	13.2	79	0.00
7	T	Trichlorofluoromethane	50.000	40.374	19.3	82	0.00
8	T	Diethyl Ether	50.000	39.480	21.0	69	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	41.048	17.9	80	-0.01
10	T	Methyl Iodide	50.000	38.997	22.0	69	-0.01
11	T	Tert butyl alcohol	250.000	224.890	10.0	77	0.00
12	CM	1,1-Dichloroethene	50.000	37.795	24.4#	71	0.00
13	T	Acrolein	250.000	157.275	37.1#	58	0.00
14	T	Allyl chloride	50.000	38.205	23.6	67	0.00
15	T	Acrylonitrile	250.000	209.811	16.1	71	-0.01
16	T	Acetone	250.000	210.053	16.0	64	0.00
17	T	Carbon Disulfide	50.000	36.389	27.2#	67	0.00
18	T	Methyl Acetate	50.000	41.435	17.1	76	0.00
19	T	Methyl tert-butyl Ether	50.000	44.961	10.1	75	-0.01
20	T	Methylene Chloride	50.000	45.253	9.5	80	0.00
21	T	trans-1,2-Dichloroethene	50.000	40.469	19.1	72	-0.01
22	T	Diisopropyl ether	50.000	42.649	14.7	69	-0.01
23	T	Vinyl Acetate	250.000	217.792	12.9	70	0.00
24	P	1,1-Dichloroethane	50.000	39.687	20.6	71	0.00
25	T	2-Butanone	250.000	213.182	14.7	70	-0.01
26	T	2,2-Dichloropropane	50.000	40.939	18.1	74	0.00
27	T	cis-1,2-Dichloroethene	50.000	39.930	20.1	70	0.00
28	T	Bromochloromethane	50.000	47.616	4.8	81	-0.02
29	T	Tetrahydrofuran	250.000	233.687	6.5	77	0.00
30	C	Chloroform	50.000	40.925	18.2#	73	0.00
31	T	Cyclohexane	50.000	38.654	22.7	79	0.00
32	T	1,1,1-Trichloroethane	50.000	40.715	18.6	75	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.302	7.4	78	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	91	0.00
35	S	Dibromofluoromethane	50.000	53.330	-6.7	84	0.00
36	T	1,1-Dichloropropene	50.000	41.675	16.7	72	0.00
37	T	Ethyl Acetate	50.000	40.143	19.7	69	0.00
38	T	Carbon Tetrachloride	50.000	43.867	12.3	78	0.00
39	T	Methylcyclohexane	50.000	43.699	12.6	80	0.00
40	TM	Benzene	50.000	42.403	15.2	72	0.00
41	T	Methacrylonitrile	50.000	50.343	-0.7	93	0.00
42	TM	1,2-Dichloroethane	50.000	43.746	12.5	73	0.00
43	T	Isopropyl Acetate	50.000	46.109	7.8	72	0.00
44	TM	Trichloroethene	50.000	42.192	15.6	73	0.00
45	C	1,2-Dichloropropane	50.000	43.577	12.8#	73	0.00
46	T	Dibromomethane	50.000	44.543	10.9	74	0.00
47	T	Bromodichloromethane	50.000	42.793	14.4	71	0.00
48	T	Methyl methacrylate	50.000	48.507	3.0	76	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1089.278	-8.9	79	0.00
50	S	Toluene-d8	50.000	49.341	1.3	77	0.00
51	T	4-Methyl-2-Pentanone	250.000	231.581	7.4	72	0.00
52	CM	Toluene	50.000	44.366	11.3#	72	0.00
53	T	t-1,3-Dichloropropene	50.000	43.067	13.9	71	0.00
54	T	cis-1,3-Dichloropropene	50.000	43.304	13.4	71	0.00
55	T	1,1,2-Trichloroethane	50.000	44.113	11.8	74	0.00
56	T	Ethyl methacrylate	50.000	47.841	4.3	73	0.00
57	T	1,3-Dichloropropane	50.000	44.342	11.3	73	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	291.734	-16.7	94	0.00
59	T	2-Hexanone	250.000	235.387	5.8	72	0.00
60	T	Dibromochloromethane	50.000	44.703	10.6	74	0.00
61	T	1,2-Dibromoethane	50.000	44.033	11.9	73	0.00
62	S	4-Bromofluorobenzene	50.000	50.624	-1.2	77	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64	T	Tetrachloroethene	50.000	45.107	9.8	77	0.00
65	PM	Chlorobenzene	50.000	43.895	12.2	72	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	44.324	11.4	75	0.00
67	C	Ethyl Benzene	50.000	43.651	12.7#	71	0.00
68	T	m/p-Xylenes	100.000	90.782	9.2	72	0.00
69	T	o-Xylene	50.000	43.271	13.5	69	0.00
70	T	Styrene	50.000	46.362	7.3	73	0.00
71	P	Bromoform	50.000	46.987	6.0	75	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73	T	Isopropylbenzene	50.000	42.695	14.6	73	0.00
74	T	N-amyl acetate	50.000	45.067	9.9	74	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	42.993	14.0	75	0.00
76	T	1,2,3-Trichloropropane	50.000	40.827	18.3	76	0.00
77	T	Bromobenzene	50.000	43.324	13.4	76	0.00
78	T	n-propylbenzene	50.000	43.623	12.8	74	0.00
79	T	2-Chlorotoluene	50.000	41.901	16.2	71	0.00
80	T	1,3,5-Trimethylbenzene	50.000	43.986	12.0	73	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	41.761	16.5	71	0.00
82	T	4-Chlorotoluene	50.000	42.403	15.2	71	0.00
83	T	tert-Butylbenzene	50.000	43.366	13.3	73	0.00
84	T	1,2,4-Trimethylbenzene	50.000	44.488	11.0	74	0.00
85	T	sec-Butylbenzene	50.000	44.848	10.3	79	0.00
86	T	p-Isopropyltoluene	50.000	44.828	10.3	77	0.00
87	T	1,3-Dichlorobenzene	50.000	43.164	13.7	75	0.00
88	T	1,4-Dichlorobenzene	50.000	41.747	16.5	74	0.00
89	T	n-Butylbenzene	50.000	44.482	11.0	77	0.00
90	T	Hexachloroethane	50.000	42.937	14.1	79	0.00
91	T	1,2-Dichlorobenzene	50.000	43.023	14.0	73	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	41.934	16.1	73	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.492	7.0	79	0.00
94	T	Hexachlorobutadiene	50.000	47.957	4.1	90	0.00
95	T	Naphthalene	50.000	45.176	9.6	74	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.075	7.8	78	0.00

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