Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080724\
Data File : VD079655.D
Acq On : 07 Aug 2024 22:35
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Aug 08 01:57:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 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	74	0.00
2	T	Dichlorodifluoromethane	50.000	44.089	11.8	66	0.00
3	P	Chloromethane	50.000	50.206	-0.4	77	0.00
4	C	Vinyl Chloride	50.000	49.824	0.4#	73	0.00
5	T	Bromomethane	50.000	56.337	-12.7	81	0.00
6	T	Chloroethane	50.000	55.638	-11.3	86	0.00
7	T	Trichlorofluoromethane	50.000	46.947	6.1	68	0.00
8	T	Diethyl Ether	50.000	53.183	-6.4	86	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.015	8.0	67	0.00
10	T	Methyl Iodide	50.000	49.811	0.4	67	0.01
11	T	Tert butyl alcohol	250.000	263.383	-5.4	88	0.00
12	CM	1,1-Dichloroethene	50.000	49.003	2.0#	70	0.01
13	T	Acrolein	250.000	198.760	20.5	65	0.00
14	T	Allyl chloride	50.000	53.959	-7.9	79	0.01
15	T	Acrylonitrile	250.000	264.419	-5.8	96	0.00
16	T	Acetone	250.000	215.356	13.9	73	0.00
17	T	Carbon Disulfide	50.000	46.593	6.8	66	0.00
18	T	Methyl Acetate	50.000	50.550	-1.1	95	0.00
19	T	Methyl tert-butyl Ether	50.000	52.327	-4.7	86	0.00
20	T	Methylene Chloride	50.000	54.790	-9.6	78	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.535	-1.1	72	0.00
22	T	Diisopropyl ether	50.000	56.267	-12.5	84	0.00
23	T	Vinyl Acetate	250.000	277.887	-11.2	89	0.00
24	P	1,1-Dichloroethane	50.000	53.695	-7.4	79	0.00
25	T	2-Butanone	250.000	243.326	2.7	87	0.00
26	T	2,2-Dichloropropane	50.000	49.853	0.3	72	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.565	-3.1	74	0.00
28	T	Bromochloromethane	50.000	58.171	-16.3	101	0.01
29	T	Tetrahydrofuran	250.000	265.212	-6.1	97	0.00
30	C	Chloroform	50.000	52.327	-4.7#	78	0.00
31	T	Cyclohexane	50.000	45.882	8.2	68	0.00
32	T	1,1,1-Trichloroethane	50.000	51.028	-2.1	73	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.621	-1.2	83	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.00
35	S	Dibromofluoromethane	50.000	45.385	9.2	79	0.00
36	T	1,1-Dichloropropene	50.000	45.471	9.1	72	0.00
37	T	Ethyl Acetate	50.000	50.258	-0.5	99	0.00
38	T	Carbon Tetrachloride	50.000	44.455	11.1	70	0.00
39	T	Methylcyclohexane	50.000	41.581	16.8	65	0.00
40	TM	Benzene	50.000	47.116	5.8	76	0.00
41	T	Methacrylonitrile	50.000	53.332	-6.7	116	-0.02
42	TM	1,2-Dichloroethane	50.000	47.484	5.0	85	0.00
43	T	Isopropyl Acetate	50.000	47.572	4.9	94	0.00
44	TM	Trichloroethene	50.000	46.292	7.4	75	0.00
45	C	1,2-Dichloropropane	50.000	48.930	2.1#	82	0.00
46	T	Dibromomethane	50.000	45.946	8.1	83	0.00
47	T	Bromodichloromethane	50.000	46.701	6.6	79	0.00
48	T	Methyl methacrylate	50.000	49.711	0.6	93	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	769.999	23.0	74	0.00
50	S	Toluene-d8	50.000	44.925	10.2	74	0.00
51	T	4-Methyl-2-Pentanone	250.000	243.510	2.6	97	0.00
52	CM	Toluene	50.000	47.015	6.0#	74	0.00
53	T	t-1,3-Dichloropropene	50.000	45.964	8.1	80	0.00
54	T	cis-1,3-Dichloropropene	50.000	46.936	6.1	79	0.00
55	T	1,1,2-Trichloroethane	50.000	46.056	7.9	83	0.00
56	T	Ethyl methacrylate	50.000	47.975	4.0	87	0.00
57	T	1,3-Dichloropropane	50.000	47.048	5.9	85	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	255.773	-2.3	95	0.00
59	T	2-Hexanone	250.000	234.952	6.0	90	0.00
60	T	Dibromochloromethane	50.000	44.428	11.1	79	0.00
61	T	1,2-Dibromoethane	50.000	43.496	13.0	79	0.00
62	S	4-Bromofluorobenzene	50.000	44.037	11.9	75	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00
64	T	Tetrachloroethene	50.000	42.085	15.8	66	0.00
65	PM	Chlorobenzene	50.000	45.928	8.1	74	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	46.961	6.1	76	0.00
67	C	Ethyl Benzene	50.000	48.389	3.2#	74	0.00
68	T	m/p-Xylenes	100.000	93.831	6.2	72	0.00
69	T	o-Xylene	50.000	47.093	5.8	72	0.00
70	T	Styrene	50.000	48.130	3.7	74	0.00
71	P	Bromoform	50.000	42.694	14.6	78	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	0.00
73	T	Isopropylbenzene	50.000	45.322	9.4	72	0.00
74	T	N-amyl acetate	50.000	51.326	-2.7	93	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.396	3.2	88	0.00
76	T	1,2,3-Trichloropropane	50.000	44.073	11.9	91	0.00
77	T	Bromobenzene	50.000	45.888	8.2	72	0.00
78	T	n-propylbenzene	50.000	49.305	1.4	72	0.00
79	T	2-Chlorotoluene	50.000	49.851	0.3	74	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.748	0.5	72	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.101	-0.2	93	0.00
82	T	4-Chlorotoluene	50.000	48.994	2.0	74	0.00
83	T	tert-Butylbenzene	50.000	44.528	10.9	71	0.00
84	T	1,2,4-Trimethylbenzene	50.000	45.071	9.9	72	0.00
85	T	sec-Butylbenzene	50.000	48.172	3.7	70	0.00
86	T	p-Isopropyltoluene	50.000	42.764	14.5	69	0.00
87	T	1,3-Dichlorobenzene	50.000	44.517	11.0	70	0.00
88	T	1,4-Dichlorobenzene	50.000	44.346	11.3	71	0.00
89	T	n-Butylbenzene	50.000	42.377	15.2	68	0.00
90	T	Hexachloroethane	50.000	45.418	9.2	69	0.00
91	T	1,2-Dichlorobenzene	50.000	45.348	9.3	73	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.959	4.1	88	0.00
93	T	1,2,4-Trichlorobenzene	50.000	40.819	18.4	68	0.00
94	T	Hexachlorobutadiene	50.000	38.442	23.1	59	0.00
95	T	Naphthalene	50.000	45.470	9.1	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	41.174	17.7	70	0.00

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