Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
Data File : VD079487.D
Acq On : 31 Jul 2024 06:57
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jul 31 08:25:01 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	73	0.00
2	T	Dichlorodifluoromethane	50.000	48.378	3.2	72	0.00
3	P	Chloromethane	50.000	52.179	-4.4	79	0.00
4	C	Vinyl Chloride	50.000	52.302	-4.6#	75	0.00
5	T	Bromomethane	50.000	62.769	-25.5#	88	0.00
6	T	Chloroethane	50.000	51.225	-2.5	78	0.00
7	T	Trichlorofluoromethane	50.000	50.142	-0.3	72	0.00
8	T	Diethyl Ether	50.000	56.399	-12.8	90	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.576	6.8	66	0.00
10	T	Methyl Iodide	50.000	57.788	-15.6	78	0.01
11	T	Tert butyl alcohol	250.000	315.973	-26.4#	106	0.01
12	CM	1,1-Dichloroethene	50.000	51.472	-2.9#	73	0.01
13	T	Acrolein	250.000	230.707	7.7	75	0.00
14	T	Allyl chloride	50.000	53.356	-6.7	77	0.01
15	T	Acrylonitrile	250.000	291.493	-16.6	104	0.00
16	T	Acetone	250.000	215.970	13.6	72	0.00
17	T	Carbon Disulfide	50.000	51.898	-3.8	73	0.00
18	T	Methyl Acetate	50.000	90.735	-81.5#	169	0.00
19	T	Methyl tert-butyl Ether	50.000	59.083	-18.2	95	0.00
20	T	Methylene Chloride	50.000	59.705	-19.4	83	0.00
21	T	trans-1,2-Dichloroethene	50.000	54.781	-9.6	77	0.00
22	T	Diisopropyl ether	50.000	57.806	-15.6	85	0.00
23	T	Vinyl Acetate	250.000	250.125	-0.1	79	0.00
24	P	1,1-Dichloroethane	50.000	54.720	-9.4	80	0.00
25	T	2-Butanone	250.000	263.363	-5.3	93	-0.01
26	T	2,2-Dichloropropane	50.000	45.444	9.1	64	0.00
27	T	cis-1,2-Dichloroethene	50.000	55.912	-11.8	79	0.00
28	T	Bromochloromethane	50.000	58.019	-16.0	99	0.00
29	T	Tetrahydrofuran	250.000	294.689	-17.9	106	0.00
30	C	Chloroform	50.000	55.947	-11.9#	82	0.00
31	T	Cyclohexane	50.000	46.729	6.5	68	0.00
32	T	1,1,1-Trichloroethane	50.000	52.966	-5.9	75	0.00
33	S	1,2-Dichloroethane-d4	50.000	57.672	-15.3	93	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	82	0.00
35	S	Dibromofluoromethane	50.000	52.406	-4.8	87	0.00
36	T	1,1-Dichloropropene	50.000	48.200	3.6	72	0.00
37	T	Ethyl Acetate	50.000	52.532	-5.1	99	0.00
38	T	Carbon Tetrachloride	50.000	47.654	4.7	72	0.00
39	T	Methylcyclohexane	50.000	44.493	11.0	66	0.00
40	TM	Benzene	50.000	51.420	-2.8	79	0.00
41	T	Methacrylonitrile	50.000	52.242	-4.5	109	-0.02
42	TM	1,2-Dichloroethane	50.000	51.677	-3.4	88	0.00
43	T	Isopropyl Acetate	50.000	48.918	2.2	92	0.00
44	TM	Trichloroethene	50.000	49.148	1.7	76	0.00
45	C	1,2-Dichloropropane	50.000	51.825	-3.7#	83	0.00
46	T	Dibromomethane	50.000	53.373	-6.7	92	0.00
47	T	Bromodichloromethane	50.000	52.654	-5.3	85	0.00
48	T	Methyl methacrylate	50.000	54.522	-9.0	97	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	999.153	0.1	91	0.00
50	S	Toluene-d8	50.000	53.048	-6.1	84	0.00
51	T	4-Methyl-2-Pentanone	250.000	280.716	-12.3	106	0.00
52	CM	Toluene	50.000	52.531	-5.1#	79	0.00
53	T	t-1,3-Dichloropropene	50.000	50.687	-1.4	85	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.789	-1.6	81	0.00
55	T	1,1,2-Trichloroethane	50.000	54.492	-9.0	94	0.00
56	T	Ethyl methacrylate	50.000	54.084	-8.2	94	0.00
57	T	1,3-Dichloropropane	50.000	55.010	-10.0	94	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	306.497	-22.6	108	0.00
59	T	2-Hexanone	250.000	267.242	-6.9	97	0.00
60	T	Dibromochloromethane	50.000	53.556	-7.1	91	0.00
61	T	1,2-Dibromoethane	50.000	54.207	-8.4	94	0.00
62	S	4-Bromofluorobenzene	50.000	53.550	-7.1	87	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	83	0.00
64	T	Tetrachloroethene	50.000	50.646	-1.3	77	0.00
65	PM	Chlorobenzene	50.000	51.106	-2.2	80	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.491	-7.0	84	0.00
67	C	Ethyl Benzene	50.000	51.116	-2.2#	76	0.00
68	T	m/p-Xylenes	100.000	103.930	-3.9	77	0.00
69	T	o-Xylene	50.000	53.413	-6.8	79	0.00
70	T	Styrene	50.000	54.253	-8.5	80	0.00
71	P	Bromoform	50.000	55.567	-11.1	99	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	82	0.00
73	T	Isopropylbenzene	50.000	47.943	4.1	75	0.00
74	T	N-amyl acetate	50.000	48.826	2.3	87	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.697	-9.4	98	0.00
76	T	1,2,3-Trichloropropane	50.000	59.746	-19.5	121	0.00
77	T	Bromobenzene	50.000	54.341	-8.7	84	0.00
78	T	n-propylbenzene	50.000	52.253	-4.5	74	0.00
79	T	2-Chlorotoluene	50.000	53.270	-6.5	78	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.385	-6.8	76	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.153	-6.3	97	0.00
82	T	4-Chlorotoluene	50.000	53.454	-6.9	79	0.00
83	T	tert-Butylbenzene	50.000	46.967	6.1	74	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.738	2.5	77	0.00
85	T	sec-Butylbenzene	50.000	51.055	-2.1	73	0.00
86	T	p-Isopropyltoluene	50.000	45.730	8.5	73	0.00
87	T	1,3-Dichlorobenzene	50.000	51.065	-2.1	79	0.00
88	T	1,4-Dichlorobenzene	50.000	50.657	-1.3	80	0.00
89	T	n-Butylbenzene	50.000	43.064	13.9	68	0.00
90	T	Hexachloroethane	50.000	51.847	-3.7	78	0.00
91	T	1,2-Dichlorobenzene	50.000	53.514	-7.0	84	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.595	-9.2	98	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.956	4.1	78	0.00
94	T	Hexachlorobutadiene	50.000	45.066	9.9	68	0.00
95	T	Naphthalene	50.000	55.121	-10.2	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.892	-1.8	85	0.00

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