Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020625\
Data File : VD080246.D
Acq On : 06 Feb 2025 11:08
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Feb 07 00:26:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 05:44:14 2025
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	102	0.00
2	T	Dichlorodifluoromethane	50.000	42.378	15.2	91	0.00
3	P	Chloromethane	50.000	43.104	13.8	93	0.00
4	C	Vinyl Chloride	50.000	42.764	14.5#	92	0.00
5	T	Bromomethane	50.000	51.118	-2.2	93	0.00
6	T	Chloroethane	50.000	45.222	9.6	96	0.00
7	T	Trichlorofluoromethane	50.000	44.614	10.8	97	0.00
8	T	Diethyl Ether	50.000	52.282	-4.6	103	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.166	7.7	104	0.00
10	T	Methyl Iodide	50.000	61.107	-22.2	124	0.00
11	T	Tert butyl alcohol	250.000	236.531	5.4	97	0.00
12	CM	1,1-Dichloroethene	50.000	49.164	1.7#	107	0.00
13	T	Acrolein	250.000	223.413	10.6	92	0.00
14	T	Allyl chloride	50.000	53.072	-6.1	107	0.00
15	T	Acrylonitrile	250.000	254.326	-1.7	95	0.00
16	T	Acetone	250.000	244.283	2.3	111	0.00
17	T	Carbon Disulfide	50.000	47.705	4.6	104	0.00
18	T	Methyl Acetate	50.000	53.241	-6.5	109	0.00
19	T	Methyl tert-butyl Ether	50.000	53.041	-6.1	99	0.00
20	T	Methylene Chloride	50.000	49.717	0.6	106	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.001	-2.0	98	0.00
22	T	Diisopropyl ether	50.000	55.760	-11.5	101	0.00
23	T	Vinyl Acetate	250.000	276.076	-10.4	99	0.00
24	P	1,1-Dichloroethane	50.000	51.885	-3.8	102	0.00
25	T	2-Butanone	250.000	258.632	-3.5	103	0.00
26	T	2,2-Dichloropropane	50.000	48.566	2.9	103	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.820	-5.6	108	0.00
28	T	Bromochloromethane	50.000	50.632	-1.3	101	0.00
29	T	Tetrahydrofuran	250.000	265.046	-6.0	104	0.00
30	C	Chloroform	50.000	52.027	-4.1#	111	0.00
31	T	Cyclohexane	50.000	47.067	5.9	103	0.00
32	T	1,1,1-Trichloroethane	50.000	50.965	-1.9	110	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.414	-2.8	108	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35	S	Dibromofluoromethane	50.000	53.318	-6.6	109	0.00
36	T	1,1-Dichloropropene	50.000	53.708	-7.4	107	0.00
37	T	Ethyl Acetate	50.000	50.916	-1.8	101	0.00
38	T	Carbon Tetrachloride	50.000	52.081	-4.2	105	0.00
39	T	Methylcyclohexane	50.000	53.086	-6.2	108	0.00
40	TM	Benzene	50.000	53.456	-6.9	104	0.00
41	T	Methacrylonitrile	50.000	46.674	6.7	94	0.00
42	TM	1,2-Dichloroethane	50.000	53.657	-7.3	107	0.00
43	T	Isopropyl Acetate	50.000	54.481	-9.0	109	0.00
44	TM	Trichloroethene	50.000	53.521	-7.0	109	0.00
45	C	1,2-Dichloropropane	50.000	54.833	-9.7#	109	0.00
46	T	Dibromomethane	50.000	53.248	-6.5	103	0.00
47	T	Bromodichloromethane	50.000	54.406	-8.8	108	0.00
48	T	Methyl methacrylate	50.000	56.075	-12.2	106	0.00

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Quant Title : SW846 8260
QLast Update : Tue Feb 04 05:44:14 2025
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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)
49	T	1,4-Dioxane	1000.000	1070.347	-7.0	95	0.00
50	S	Toluene-d8	50.000	56.838	-13.7	108	0.00
51	T	4-Methyl-2-Pentanone	250.000	282.935	-13.2	104	0.00
52	CM	Toluene	50.000	56.981	-14.0#	112	0.00
53	T	t-1,3-Dichloropropene	50.000	56.792	-13.6	116	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.835	-11.7	103	0.00
55	T	1,1,2-Trichloroethane	50.000	52.785	-5.6	112	0.00
56	T	Ethyl methacrylate	50.000	59.042	-18.1	116	0.00
57	T	1,3-Dichloropropane	50.000	55.071	-10.1	114	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	260.250	-4.1	88	0.00
59	T	2-Hexanone	250.000	291.084	-16.4	116	0.00
60	T	Dibromochloromethane	50.000	55.574	-11.1	114	0.00
61	T	1,2-Dibromoethane	50.000	52.907	-5.8	110	0.00
62	S	4-Bromofluorobenzene	50.000	58.365	-16.7	112	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64	T	Tetrachloroethene	50.000	51.107	-2.2	112	0.00
65	PM	Chlorobenzene	50.000	52.487	-5.0	100	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.019	-6.0	103	0.00
67	C	Ethyl Benzene	50.000	55.780	-11.6#	104	0.00
68	T	m/p-Xylenes	100.000	111.526	-11.5	110	0.00
69	T	o-Xylene	50.000	55.895	-11.8	109	0.00
70	T	Styrene	50.000	56.455	-12.9	108	0.00
71	P	Bromoform	50.000	51.551	-3.1	95	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73	T	Isopropylbenzene	50.000	52.769	-5.5	110	0.00
74	T	N-amyl acetate	50.000	50.932	-1.9	107	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.722	0.6	106	0.00
76	T	1,2,3-Trichloropropane	50.000	39.817	20.4	91	0.00
77	T	Bromobenzene	50.000	50.451	-0.9	109	0.00
78	T	n-propylbenzene	50.000	52.837	-5.7	106	0.00
79	T	2-Chlorotoluene	50.000	52.874	-5.7	109	0.00
80	T	1,3,5-Trimethylbenzene	50.000	55.080	-10.2	113	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.944	-3.9	108	0.00
82	T	4-Chlorotoluene	50.000	53.731	-7.5	113	0.00
83	T	tert-Butylbenzene	50.000	55.195	-10.4	119	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.869	-11.7	106	0.00
85	T	sec-Butylbenzene	50.000	54.641	-9.3	115	0.00
86	T	p-Isopropyltoluene	50.000	54.886	-9.8	116	0.00
87	T	1,3-Dichlorobenzene	50.000	53.534	-7.1	116	0.00
88	T	1,4-Dichlorobenzene	50.000	51.294	-2.6	113	0.00
89	T	n-Butylbenzene	50.000	54.223	-8.4	118	0.00
90	T	Hexachloroethane	50.000	50.941	-1.9	112	0.00
91	T	1,2-Dichlorobenzene	50.000	52.478	-5.0	110	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.569	2.9	94	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.201	-2.4	102	0.00
94	T	Hexachlorobutadiene	50.000	48.614	2.8	100	0.00
95	T	Naphthalene	50.000	51.255	-2.5	97	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.630	0.7	97	0.00

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