Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022525\
Data File : VD080264.D
Acq On : 25 Feb 2025 10:45
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 26 02:27:22 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	92	0.00
2	T	Dichlorodifluoromethane	50.000	39.862	20.3	78	0.00
3	P	Chloromethane	50.000	38.644	22.7	75	0.00
4	C	Vinyl Chloride	50.000	44.303	11.4#	86	-0.01
5	T	Bromomethane	50.000	51.353	-2.7	85	-0.01
6	T	Chloroethane	50.000	48.805	2.4	94	0.00
7	T	Trichlorofluoromethane	50.000	45.812	8.4	90	-0.01
8	T	Diethyl Ether	50.000	45.654	8.7	81	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.319	1.4	101	0.00
10	T	Methyl Iodide	50.000	53.317	-6.6	95	0.00
11	T	Tert butyl alcohol	250.000	233.937	6.4	87	0.01
12	CM	1,1-Dichloroethene	50.000	46.105	7.8#	91	0.00
13	T	Acrolein	250.000	72.435	71.0#	27	0.00
14	T	Allyl chloride	50.000	47.173	5.7	86	-0.01
15	T	Acrylonitrile	250.000	237.690	4.9	81	0.00
16	T	Acetone	250.000	260.661	-4.3	107	0.00
17	T	Carbon Disulfide	50.000	44.319	11.4	88	-0.01
18	T	Methyl Acetate	50.000	55.232	-10.5	102	0.00
19	T	Methyl tert-butyl Ether	50.000	49.686	0.6	84	0.00
20	T	Methylene Chloride	50.000	48.359	3.3	94	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.467	3.1	85	0.00
22	T	Diisopropyl ether	50.000	52.871	-5.7	87	0.00
23	T	Vinyl Acetate	250.000	254.837	-1.9	83	0.00
24	P	1,1-Dichloroethane	50.000	48.746	2.5	87	0.00
25	T	2-Butanone	250.000	258.284	-3.3	93	0.00
26	T	2,2-Dichloropropane	50.000	48.417	3.2	93	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.415	1.2	92	0.00
28	T	Bromochloromethane	50.000	45.149	9.7	82	0.00
29	T	Tetrahydrofuran	250.000	247.266	1.1	88	0.00
30	C	Chloroform	50.000	50.478	-1.0#	97	0.00
31	T	Cyclohexane	50.000	48.155	3.7	96	0.00
32	T	1,1,1-Trichloroethane	50.000	50.387	-0.8	99	-0.01
33	S	1,2-Dichloroethane-d4	50.000	47.594	4.8	91	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35	S	Dibromofluoromethane	50.000	52.805	-5.6	92	0.00
36	T	1,1-Dichloropropene	50.000	56.276	-12.6	95	0.00
37	T	Ethyl Acetate	50.000	52.310	-4.6	88	0.00
38	T	Carbon Tetrachloride	50.000	56.748	-13.5	97	0.00
39	T	Methylcyclohexane	50.000	58.935	-17.9	102	0.00
40	TM	Benzene	50.000	54.621	-9.2	90	0.00
41	T	Methacrylonitrile	50.000	48.550	2.9	83	0.00
42	TM	1,2-Dichloroethane	50.000	53.926	-7.9	92	0.00
43	T	Isopropyl Acetate	50.000	55.218	-10.4	94	0.00
44	TM	Trichloroethene	50.000	55.978	-12.0	97	0.00
45	C	1,2-Dichloropropane	50.000	56.197	-12.4#	95	0.00
46	T	Dibromomethane	50.000	57.267	-14.5	94	0.00
47	T	Bromodichloromethane	50.000	57.513	-15.0	97	0.00
48	T	Methyl methacrylate	50.000	59.631	-19.3	96	0.00

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LabSampleId :
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Quant Time: Feb 26 02:27:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
Quant Title : SW846 8260
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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1222.731	-22.3	92	0.00
50	S	Toluene-d8	50.000	56.334	-12.7	91	0.00
51	T	4-Methyl-2-Pentanone	250.000	303.038	-21.2	95	0.00
52	CM	Toluene	50.000	59.188	-18.4#	99	0.00
53	T	t-1,3-Dichloropropene	50.000	57.823	-15.6	101	0.00
54	T	cis-1,3-Dichloropropene	50.000	57.165	-14.3	89	0.00
55	T	1,1,2-Trichloroethane	50.000	57.929	-15.9	105	0.00
56	T	Ethyl methacrylate	50.000	61.844	-23.7	103	0.00
57	T	1,3-Dichloropropane	50.000	57.566	-15.1	101	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	265.731	-6.3	76	0.00
59	T	2-Hexanone	250.000	318.285	-27.3#	108	0.00
60	T	Dibromochloromethane	50.000	59.373	-18.7	104	0.00
61	T	1,2-Dibromoethane	50.000	57.164	-14.3	101	0.00
62	S	4-Bromofluorobenzene	50.000	59.265	-18.5	97	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64	T	Tetrachloroethene	50.000	53.191	-6.4	105	0.00
65	PM	Chlorobenzene	50.000	52.214	-4.4	89	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.909	-7.8	94	0.00
67	C	Ethyl Benzene	50.000	55.941	-11.9#	93	0.00
68	T	m/p-Xylenes	100.000	114.657	-14.7	101	0.00
69	T	o-Xylene	50.000	56.114	-12.2	98	0.00
70	T	Styrene	50.000	58.560	-17.1	100	0.00
71	P	Bromoform	50.000	52.792	-5.6	87	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73	T	Isopropylbenzene	50.000	53.104	-6.2	102	0.00
74	T	N-amyl acetate	50.000	51.738	-3.5	101	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.485	-1.0	99	0.00
76	T	1,2,3-Trichloropropane	50.000	55.968	-11.9	118	0.00
77	T	Bromobenzene	50.000	51.164	-2.3	102	0.00
78	T	n-propylbenzene	50.000	54.484	-9.0	101	0.00
79	T	2-Chlorotoluene	50.000	53.294	-6.6	102	0.00
80	T	1,3,5-Trimethylbenzene	50.000	55.505	-11.0	106	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.772	-5.5	101	0.00
82	T	4-Chlorotoluene	50.000	54.565	-9.1	106	0.00
83	T	tert-Butylbenzene	50.000	55.426	-10.9	111	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.964	-11.9	98	0.00
85	T	sec-Butylbenzene	50.000	57.551	-15.1	112	0.00
86	T	p-Isopropyltoluene	50.000	58.008	-16.0	114	0.00
87	T	1,3-Dichlorobenzene	50.000	54.785	-9.6	110	0.00
88	T	1,4-Dichlorobenzene	50.000	53.395	-6.8	108	0.00
89	T	n-Butylbenzene	50.000	58.080	-16.2	116	0.00
90	T	Hexachloroethane	50.000	54.185	-8.4	110	0.00
91	T	1,2-Dichlorobenzene	50.000	54.487	-9.0	105	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.615	0.8	89	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.567	-5.1	96	0.00
94	T	Hexachlorobutadiene	50.000	53.393	-6.8	102	0.00
95	T	Naphthalene	50.000	53.641	-7.3	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.934	-3.9	94	0.00

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