Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052623\
Data File : VD076269.D
Acq On : 26 May 2023 20:40
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: May 26 23:17:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
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	64	0.00
2	T	Dichlorodifluoromethane	50.000	43.039	13.9	63	0.00
3	P	Chloromethane	50.000	57.356	-14.7	72	0.00
4	C	Vinyl Chloride	50.000	52.774	-5.5#	75	0.00
5	T	Bromomethane	50.000	44.055	11.9	61	0.00
6	T	Chloroethane	50.000	56.172	-12.3	78	0.00
7	T	Trichlorofluoromethane	50.000	47.014	6.0	70	0.00
8	T	Diethyl Ether	50.000	53.282	-6.6	69	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.725	0.5	74	0.00
10	T	Methyl Iodide	50.000	53.856	-7.7	65	0.00
11	T	Tert butyl alcohol	250.000	307.886	-23.2	81	0.00
12	CM	1,1-Dichloroethene	50.000	47.210	5.6#	66	0.00
13	T	Acrolein	250.000	252.474	-1.0	64	-0.01
14	T	Allyl chloride	50.000	50.592	-1.2	66	-0.01
15	T	Acrylonitrile	250.000	301.659	-20.7	77	0.00
16	T	Acetone	250.000	224.063	10.4	56	0.00
17	T	Carbon Disulfide	50.000	44.274	11.5	58	0.00
18	T	Methyl Acetate	50.000	58.621	-17.2	75	0.00
19	T	Methyl tert-butyl Ether	50.000	56.779	-13.6	71	-0.01
20	T	Methylene Chloride	50.000	49.553	0.9	63	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.289	1.4	65	-0.01
22	T	Diisopropyl ether	50.000	56.083	-12.2	68	0.00
23	T	Vinyl Acetate	250.000	296.614	-18.6	72	0.00
24	P	1,1-Dichloroethane	50.000	52.857	-5.7	71	-0.01
25	T	2-Butanone	250.000	276.637	-10.7	69	0.00
26	T	2,2-Dichloropropane	50.000	47.712	4.6	65	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.251	-4.5	66	0.00
28	T	Bromochloromethane	50.000	51.206	-2.4	68	0.00
29	T	Tetrahydrofuran	250.000	300.833	-20.3	73	0.00
30	C	Chloroform	50.000	52.170	-4.3#	70	0.00
31	T	Cyclohexane	50.000	46.355	7.3	67	0.00
32	T	1,1,1-Trichloroethane	50.000	50.404	-0.8	70	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.474	-0.9	70	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	69	0.00
35	S	Dibromofluoromethane	50.000	49.106	1.8	71	0.00
36	T	1,1-Dichloropropene	50.000	47.588	4.8	68	0.00
37	T	Ethyl Acetate	50.000	55.528	-11.1	73	0.00
38	T	Carbon Tetrachloride	50.000	47.419	5.2	70	0.00
39	T	Methylcyclohexane	50.000	45.690	8.6	69	0.00
40	TM	Benzene	50.000	47.847	4.3	67	0.00
41	T	Methacrylonitrile	50.000	49.405	1.2	60	0.00
42	TM	1,2-Dichloroethane	50.000	50.596	-1.2	71	0.00
43	T	Isopropyl Acetate	50.000	53.313	-6.6	74	0.00
44	TM	Trichloroethene	50.000	45.981	8.0	66	0.00
45	C	1,2-Dichloropropane	50.000	49.577	0.8#	70	0.00
46	T	Dibromomethane	50.000	50.488	-1.0	72	0.00
47	T	Bromodichloromethane	50.000	50.400	-0.8	71	0.00
48	T	Methyl methacrylate	50.000	51.235	-2.5	68	0.00

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Instrument :
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LabSampleId :
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Quant Time: May 26 23:17:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.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	1223.702	-22.4	83	0.00
50	S	Toluene-d8	50.000	46.442	7.1	66	0.00
51	T	4-Methyl-2-Pentanone	250.000	287.614	-15.0	76	0.00
52	CM	Toluene	50.000	49.285	1.4#	68	0.00
53	T	t-1,3-Dichloropropene	50.000	50.644	-1.3	69	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.271	-0.5	68	0.00
55	T	1,1,2-Trichloroethane	50.000	52.376	-4.8	73	0.00
56	T	Ethyl methacrylate	50.000	54.751	-9.5	70	0.00
57	T	1,3-Dichloropropane	50.000	51.792	-3.6	71	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	259.962	-4.0	69	0.00
59	T	2-Hexanone	250.000	280.357	-12.1	72	0.00
60	T	Dibromochloromethane	50.000	51.849	-3.7	72	0.00
61	T	1,2-Dibromoethane	50.000	52.156	-4.3	73	0.00
62	S	4-Bromofluorobenzene	50.000	48.757	2.5	71	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	72	0.00
64	T	Tetrachloroethene	50.000	44.194	11.6	67	0.00
65	PM	Chlorobenzene	50.000	47.020	6.0	69	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.940	2.1	73	0.00
67	C	Ethyl Benzene	50.000	48.542	2.9#	70	0.00
68	T	m/p-Xylenes	100.000	97.873	2.1	70	0.00
69	T	o-Xylene	50.000	48.805	2.4	68	0.00
70	T	Styrene	50.000	51.333	-2.7	72	0.00
71	P	Bromoform	50.000	50.419	-0.8	74	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	77	0.00
73	T	Isopropylbenzene	50.000	48.159	3.7	72	0.00
74	T	N-amyl acetate	50.000	52.013	-4.0	75	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.461	1.1	77	0.00
76	T	1,2,3-Trichloropropane	50.000	53.620	-7.2	93	0.00
77	T	Bromobenzene	50.000	47.029	5.9	70	0.00
78	T	n-propylbenzene	50.000	47.766	4.5	72	0.00
79	T	2-Chlorotoluene	50.000	47.677	4.6	72	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.952	4.1	71	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.209	-0.4	74	0.00
82	T	4-Chlorotoluene	50.000	46.809	6.4	70	0.00
83	T	tert-Butylbenzene	50.000	48.804	2.4	74	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.880	2.2	71	0.00
85	T	sec-Butylbenzene	50.000	48.220	3.6	74	0.00
86	T	p-Isopropyltoluene	50.000	48.616	2.8	73	0.00
87	T	1,3-Dichlorobenzene	50.000	47.281	5.4	72	0.00
88	T	1,4-Dichlorobenzene	50.000	47.380	5.2	73	0.00
89	T	n-Butylbenzene	50.000	46.830	6.3	72	0.00
90	T	Hexachloroethane	50.000	45.401	9.2	74	0.00
91	T	1,2-Dichlorobenzene	50.000	48.344	3.3	75	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.882	-5.8	80	0.00
93	T	1,2,4-Trichlorobenzene	50.000	44.351	11.3	65	0.00
94	T	Hexachlorobutadiene	50.000	42.209	15.6	66	0.00
95	T	Naphthalene	50.000	52.251	-4.5	74	0.00

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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)
96 T	1,2,3-Trichlorobenzene	50.000	46.432	7.1	67	0.00

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