Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052423\
Data File : VD076225.D
Acq On : 24 May 2023 20:40
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: May 25 06:03:41 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	72	0.00
2	T	Dichlorodifluoromethane	50.000	41.572	16.9	69	0.00
3	P	Chloromethane	50.000	55.549	-11.1	79	0.00
4	C	Vinyl Chloride	50.000	49.978	0.0#	80	0.00
5	T	Bromomethane	50.000	41.530	16.9	64	0.00
6	T	Chloroethane	50.000	51.255	-2.5	80	0.00
7	T	Trichlorofluoromethane	50.000	44.303	11.4	74	0.00
8	T	Diethyl Ether	50.000	51.964	-3.9	75	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.261	7.5	77	-0.01
10	T	Methyl Iodide	50.000	52.261	-4.5	71	-0.01
11	T	Tert butyl alcohol	250.000	293.206	-17.3	87	0.01
12	CM	1,1-Dichloroethene	50.000	45.704	8.6#	72	-0.01
13	T	Acrolein	250.000	175.156	29.9#	49	0.00
14	T	Allyl chloride	50.000	49.154	1.7	72	-0.01
15	T	Acrylonitrile	250.000	292.266	-16.9	83	0.00
16	T	Acetone	250.000	231.449	7.4	65	0.00
17	T	Carbon Disulfide	50.000	43.712	12.6	64	0.00
18	T	Methyl Acetate	50.000	58.236	-16.5	84	0.00
19	T	Methyl tert-butyl Ether	50.000	55.315	-10.6	77	-0.01
20	T	Methylene Chloride	50.000	55.947	-11.9	78	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.073	3.9	71	0.00
22	T	Diisopropyl ether	50.000	55.289	-10.6	75	0.00
23	T	Vinyl Acetate	250.000	283.610	-13.4	77	0.00
24	P	1,1-Dichloroethane	50.000	50.164	-0.3	75	0.00
25	T	2-Butanone	250.000	273.131	-9.3	76	0.00
26	T	2,2-Dichloropropane	50.000	45.590	8.8	70	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.294	-0.6	71	0.00
28	T	Bromochloromethane	50.000	50.903	-1.8	76	0.00
29	T	Tetrahydrofuran	250.000	302.812	-21.1	83	0.00
30	C	Chloroform	50.000	51.065	-2.1#	77	0.00
31	T	Cyclohexane	50.000	44.989	10.0	73	0.00
32	T	1,1,1-Trichloroethane	50.000	48.030	3.9	74	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.666	6.7	73	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	78	0.00
35	S	Dibromofluoromethane	50.000	45.342	9.3	74	0.00
36	T	1,1-Dichloropropene	50.000	44.708	10.6	73	0.00
37	T	Ethyl Acetate	50.000	51.133	-2.3	76	0.00
38	T	Carbon Tetrachloride	50.000	44.132	11.7	74	0.00
39	T	Methylcyclohexane	50.000	43.368	13.3	74	0.00
40	TM	Benzene	50.000	46.875	6.3	74	0.00
41	T	Methacrylonitrile	50.000	46.759	6.5	64	0.00
42	TM	1,2-Dichloroethane	50.000	48.004	4.0	77	0.00
43	T	Isopropyl Acetate	50.000	53.108	-6.2	84	0.00
44	TM	Trichloroethene	50.000	43.693	12.6	71	0.00
45	C	1,2-Dichloropropane	50.000	48.109	3.8#	76	0.00
46	T	Dibromomethane	50.000	48.469	3.1	78	0.00
47	T	Bromodichloromethane	50.000	47.924	4.2	76	0.00
48	T	Methyl methacrylate	50.000	51.943	-3.9	78	0.00

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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	1180.305	-18.0	91	0.00
50	S	Toluene-d8	50.000	44.007	12.0	71	0.00
51	T	4-Methyl-2-Pentanone	250.000	277.696	-11.1	83	0.00
52	CM	Toluene	50.000	47.816	4.4#	75	0.00
53	T	t-1,3-Dichloropropene	50.000	50.076	-0.2	77	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.492	1.0	76	0.00
55	T	1,1,2-Trichloroethane	50.000	50.867	-1.7	80	0.00
56	T	Ethyl methacrylate	50.000	55.060	-10.1	80	0.00
57	T	1,3-Dichloropropane	50.000	50.233	-0.5	78	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	262.369	-4.9	78	0.00
59	T	2-Hexanone	250.000	267.674	-7.1	78	0.00
60	T	Dibromochloromethane	50.000	50.378	-0.8	79	0.00
61	T	1,2-Dibromoethane	50.000	50.790	-1.6	80	0.00
62	S	4-Bromofluorobenzene	50.000	45.809	8.4	76	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	81	0.00
64	T	Tetrachloroethene	50.000	41.714	16.6	71	0.00
65	PM	Chlorobenzene	50.000	45.867	8.3	76	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	47.050	5.9	79	0.00
67	C	Ethyl Benzene	50.000	47.320	5.4#	77	0.00
68	T	m/p-Xylenes	100.000	96.085	3.9	78	0.00
69	T	o-Xylene	50.000	49.237	1.5	78	0.00
70	T	Styrene	50.000	50.462	-0.9	80	0.00
71	P	Bromoform	50.000	47.981	4.0	79	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73	T	Isopropylbenzene	50.000	44.709	10.6	79	0.00
74	T	N-amyl acetate	50.000	47.079	5.8	80	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	45.136	9.7	83	0.00
76	T	1,2,3-Trichloropropane	50.000	47.727	4.5	98	0.00
77	T	Bromobenzene	50.000	42.835	14.3	76	0.00
78	T	n-propylbenzene	50.000	44.854	10.3	80	0.00
79	T	2-Chlorotoluene	50.000	44.019	12.0	78	0.00
80	T	1,3,5-Trimethylbenzene	50.000	44.986	10.0	78	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.451	7.1	82	0.00
82	T	4-Chlorotoluene	50.000	43.531	12.9	77	0.00
83	T	tert-Butylbenzene	50.000	45.522	9.0	82	0.00
84	T	1,2,4-Trimethylbenzene	50.000	46.343	7.3	80	0.00
85	T	sec-Butylbenzene	50.000	44.787	10.4	82	0.00
86	T	p-Isopropyltoluene	50.000	45.377	9.2	80	0.00
87	T	1,3-Dichlorobenzene	50.000	43.789	12.4	79	0.00
88	T	1,4-Dichlorobenzene	50.000	43.955	12.1	80	0.00
89	T	n-Butylbenzene	50.000	44.292	11.4	81	0.00
90	T	Hexachloroethane	50.000	41.081	17.8	79	0.00
91	T	1,2-Dichlorobenzene	50.000	43.939	12.1	81	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.210	5.6	84	0.00
93	T	1,2,4-Trichlorobenzene	50.000	41.378	17.2	71	0.00
94	T	Hexachlorobutadiene	50.000	37.478	25.0#	69	0.00
95	T	Naphthalene	50.000	47.858	4.3	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	42.912	14.2	73	0.00

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