Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052323\
Data File : VD076205.D
Acq On : 23 May 2023 20:59
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 24 06:43:31 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	73	0.00
2	T	Dichlorodifluoromethane	50.000	42.145	15.7	70	0.00
3	P	Chloromethane	50.000	52.904	-5.8	76	0.00
4	C	Vinyl Chloride	50.000	48.534	2.9#	78	0.00
5	T	Bromomethane	50.000	42.178	15.6	66	0.00
6	T	Chloroethane	50.000	49.677	0.6	79	0.00
7	T	Trichlorofluoromethane	50.000	43.421	13.2	73	0.00
8	T	Diethyl Ether	50.000	48.472	3.1	71	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	44.492	11.0	75	0.00
10	T	Methyl Iodide	50.000	48.747	2.5	67	0.00
11	T	Tert butyl alcohol	250.000	283.650	-13.5	85	0.00
12	CM	1,1-Dichloroethene	50.000	43.666	12.7#	69	0.00
13	T	Acrolein	250.000	187.041	25.2#	53	0.00
14	T	Allyl chloride	50.000	46.142	7.7	68	0.00
15	T	Acrylonitrile	250.000	280.603	-12.2	81	0.00
16	T	Acetone	250.000	212.369	15.1	60	0.00
17	T	Carbon Disulfide	50.000	43.318	13.4	64	0.00
18	T	Methyl Acetate	50.000	55.706	-11.4	81	0.00
19	T	Methyl tert-butyl Ether	50.000	50.602	-1.2	71	0.00
20	T	Methylene Chloride	50.000	43.949	12.1	65	0.00
21	T	trans-1,2-Dichloroethene	50.000	44.524	11.0	66	0.00
22	T	Diisopropyl ether	50.000	50.623	-1.2	70	0.00
23	T	Vinyl Acetate	250.000	262.068	-4.8	72	0.00
24	P	1,1-Dichloroethane	50.000	47.219	5.6	72	0.00
25	T	2-Butanone	250.000	263.115	-5.2	75	0.00
26	T	2,2-Dichloropropane	50.000	44.201	11.6	69	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.625	6.8	67	0.00
28	T	Bromochloromethane	50.000	50.141	-0.3	76	0.00
29	T	Tetrahydrofuran	250.000	287.716	-15.1	80	0.00
30	C	Chloroform	50.000	47.287	5.4#	72	0.00
31	T	Cyclohexane	50.000	44.871	10.3	73	0.00
32	T	1,1,1-Trichloroethane	50.000	45.471	9.1	71	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.970	6.1	74	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	77	0.00
35	S	Dibromofluoromethane	50.000	43.249	13.5	70	0.00
36	T	1,1-Dichloropropene	50.000	45.146	9.7	72	0.00
37	T	Ethyl Acetate	50.000	54.758	-9.5	80	0.00
38	T	Carbon Tetrachloride	50.000	43.135	13.7	72	0.00
39	T	Methylcyclohexane	50.000	43.539	12.9	73	0.00
40	TM	Benzene	50.000	44.910	10.2	70	0.00
41	T	Methacrylonitrile	50.000	52.027	-4.1	71	0.00
42	TM	1,2-Dichloroethane	50.000	46.662	6.7	73	0.00
43	T	Isopropyl Acetate	50.000	50.342	-0.7	78	0.00
44	TM	Trichloroethene	50.000	41.749	16.5	67	0.00
45	C	1,2-Dichloropropane	50.000	45.790	8.4#	72	0.00
46	T	Dibromomethane	50.000	46.374	7.3	73	0.00
47	T	Bromodichloromethane	50.000	45.354	9.3	71	0.00
48	T	Methyl methacrylate	50.000	50.163	-0.3	75	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	1132.913	-13.3	86	0.00
50	S	Toluene-d8	50.000	44.014	12.0	70	0.00
51	T	4-Methyl-2-Pentanone	250.000	274.734	-9.9	81	0.00
52	CM	Toluene	50.000	45.962	8.1#	71	0.00
53	T	t-1,3-Dichloropropene	50.000	46.918	6.2	71	0.00
54	T	cis-1,3-Dichloropropene	50.000	46.171	7.7	70	0.00
55	T	1,1,2-Trichloroethane	50.000	48.405	3.2	75	0.00
56	T	Ethyl methacrylate	50.000	51.782	-3.6	74	0.00
57	T	1,3-Dichloropropane	50.000	48.178	3.6	74	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	265.768	-6.3	79	0.00
59	T	2-Hexanone	250.000	266.284	-6.5	76	0.00
60	T	Dibromochloromethane	50.000	46.915	6.2	73	0.00
61	T	1,2-Dibromoethane	50.000	49.451	1.1	77	0.00
62	S	4-Bromofluorobenzene	50.000	44.456	11.1	73	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	80	0.00
64	T	Tetrachloroethene	50.000	39.330	21.3	66	0.00
65	PM	Chlorobenzene	50.000	43.358	13.3	71	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	43.953	12.1	73	0.00
67	C	Ethyl Benzene	50.000	45.428	9.1#	73	0.00
68	T	m/p-Xylenes	100.000	92.650	7.3	74	0.00
69	T	o-Xylene	50.000	46.520	7.0	72	0.00
70	T	Styrene	50.000	48.011	4.0	75	0.00
71	P	Bromoform	50.000	46.038	7.9	75	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73	T	Isopropylbenzene	50.000	44.432	11.1	75	0.00
74	T	N-amyl acetate	50.000	47.955	4.1	77	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.195	3.6	84	0.00
76	T	1,2,3-Trichloropropane	50.000	39.394	21.2	77	0.00
77	T	Bromobenzene	50.000	41.730	16.5	70	0.00
78	T	n-propylbenzene	50.000	44.993	10.0	76	0.00
79	T	2-Chlorotoluene	50.000	43.725	12.5	74	0.00
80	T	1,3,5-Trimethylbenzene	50.000	44.697	10.6	74	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.750	2.5	81	0.00
82	T	4-Chlorotoluene	50.000	43.300	13.4	73	0.00
83	T	tert-Butylbenzene	50.000	45.311	9.4	77	0.00
84	T	1,2,4-Trimethylbenzene	50.000	45.311	9.4	74	0.00
85	T	sec-Butylbenzene	50.000	45.614	8.8	79	0.00
86	T	p-Isopropyltoluene	50.000	45.198	9.6	76	0.00
87	T	1,3-Dichlorobenzene	50.000	43.230	13.5	74	0.00
88	T	1,4-Dichlorobenzene	50.000	43.039	13.9	75	0.00
89	T	n-Butylbenzene	50.000	43.782	12.4	75	0.00
90	T	Hexachloroethane	50.000	42.289	15.4	77	0.00
91	T	1,2-Dichlorobenzene	50.000	43.398	13.2	75	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.688	6.6	79	0.00
93	T	1,2,4-Trichlorobenzene	50.000	38.851	22.3	63	0.00
94	T	Hexachlorobutadiene	50.000	36.235	27.5#	64	0.00
95	T	Naphthalene	50.000	46.724	6.6	74	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	40.599	18.8	65	0.00

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