Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041423\
Data File : VD075692.D
Acq On : 14 Apr 2023 21:36
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Apr 17 09:18:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 14:16:29 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	86	0.00
2	T	Dichlorodifluoromethane	50.000	43.781	12.4	78	0.00
3	P	Chloromethane	50.000	47.218	5.6	84	0.00
4	C	Vinyl Chloride	50.000	43.618	12.8#	77	0.00
5	T	Bromomethane	50.000	37.365	25.3#	68	0.00
6	T	Chloroethane	50.000	42.902	14.2	76	0.00
7	T	Trichlorofluoromethane	50.000	42.615	14.8	76	0.00
8	T	Diethyl Ether	50.000	46.725	6.5	84	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	43.463	13.1	77	-0.01
10	T	Methyl Iodide	50.000	44.216	11.6	73	-0.01
11	T	Tert butyl alcohol	250.000	253.328	-1.3	90	0.01
12	CM	1,1-Dichloroethene	50.000	43.705	12.6#	76	0.00
13	T	Acrolein	250.000	239.645	4.1	85	0.00
14	T	Allyl chloride	50.000	43.836	12.3	75	0.00
15	T	Acrylonitrile	250.000	245.682	1.7	85	0.00
16	T	Acetone	250.000	198.147	20.7	63	0.00
17	T	Carbon Disulfide	50.000	42.073	15.9	74	0.00
18	T	Methyl Acetate	50.000	49.657	0.7	87	0.00
19	T	Methyl tert-butyl Ether	50.000	48.367	3.3	81	0.00
20	T	Methylene Chloride	50.000	48.233	3.5	83	0.00
21	T	trans-1,2-Dichloroethene	50.000	44.212	11.6	76	0.00
22	T	Diisopropyl ether	50.000	48.901	2.2	81	0.00
23	T	Vinyl Acetate	250.000	251.747	-0.7	81	0.00
24	P	1,1-Dichloroethane	50.000	44.998	10.0	79	0.00
25	T	2-Butanone	250.000	227.309	9.1	76	0.00
26	T	2,2-Dichloropropane	50.000	38.639	22.7	69	0.00
27	T	cis-1,2-Dichloroethene	50.000	44.522	11.0	77	0.00
28	T	Bromochloromethane	50.000	53.940	-7.9	97	0.00
29	T	Tetrahydrofuran	250.000	261.600	-4.6	87	0.00
30	C	Chloroform	50.000	44.964	10.1#	79	0.00
31	T	Cyclohexane	50.000	40.975	18.0	73	0.00
32	T	1,1,1-Trichloroethane	50.000	43.548	12.9	75	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.547	-7.1	96	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	91	0.00
35	S	Dibromofluoromethane	50.000	50.982	-2.0	95	0.00
36	T	1,1-Dichloropropene	50.000	41.628	16.7	74	0.00
37	T	Ethyl Acetate	50.000	49.028	1.9	92	0.00
38	T	Carbon Tetrachloride	50.000	41.320	17.4	74	0.00
39	T	Methylcyclohexane	50.000	43.767	12.5	75	0.00
40	TM	Benzene	50.000	43.303	13.4	79	0.00
41	T	Methacrylonitrile	50.000	46.232	7.5	90	0.00
42	TM	1,2-Dichloroethane	50.000	45.726	8.5	82	0.00
43	T	Isopropyl Acetate	50.000	48.418	3.2	86	0.00
44	TM	Trichloroethene	50.000	41.082	17.8	74	0.00
45	C	1,2-Dichloropropane	50.000	43.829	12.3#	80	0.00
46	T	Dibromomethane	50.000	45.118	9.8	82	0.00
47	T	Bromodichloromethane	50.000	44.457	11.1	81	0.00
48	T	Methyl methacrylate	50.000	46.671	6.7	79	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1032.927	-3.3	91	0.00
50	S	Toluene-d8	50.000	50.184	-0.4	82	0.00
51	T	4-Methyl-2-Pentanone	250.000	242.558	3.0	78	0.00
52	CM	Toluene	50.000	42.720	14.6#	69	0.00
53	T	t-1,3-Dichloropropene	50.000	42.846	14.3	71	0.00
54	T	cis-1,3-Dichloropropene	50.000	43.317	13.4	71	0.00
55	T	1,1,2-Trichloroethane	50.000	43.977	12.0	75	0.00
56	T	Ethyl methacrylate	50.000	46.876	6.2	74	0.00
57	T	1,3-Dichloropropane	50.000	44.886	10.2	78	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	299.462	-19.8	96	0.00
59	T	2-Hexanone	250.000	233.551	6.6	75	0.00
60	T	Dibromochloromethane	50.000	44.054	11.9	75	0.00
61	T	1,2-Dibromoethane	50.000	44.511	11.0	76	0.00
62	S	4-Bromofluorobenzene	50.000	54.987	-10.0	96	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64	T	Tetrachloroethene	50.000	42.260	15.5	68	0.00
65	PM	Chlorobenzene	50.000	43.186	13.6	80	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	43.394	13.2	80	0.00
67	C	Ethyl Benzene	50.000	44.135	11.7#	76	0.00
68	T	m/p-Xylenes	100.000	91.259	8.7	79	0.00
69	T	o-Xylene	50.000	46.787	6.4	79	0.00
70	T	Styrene	50.000	44.351	11.3	79	0.00
71	P	Bromoform	50.000	48.119	3.8	85	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73	T	Isopropylbenzene	50.000	42.350	15.3	76	0.00
74	T	N-amyl acetate	50.000	46.965	6.1	87	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	45.071	9.9	88	0.00
76	T	1,2,3-Trichloropropane	50.000	46.719	6.6	103	0.00
77	T	Bromobenzene	50.000	42.579	14.8	82	0.00
78	T	n-propylbenzene	50.000	42.198	15.6	77	0.00
79	T	2-Chlorotoluene	50.000	40.822	18.4	78	0.00
80	T	1,3,5-Trimethylbenzene	50.000	42.788	14.4	78	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	42.595	14.8	77	0.00
82	T	4-Chlorotoluene	50.000	41.583	16.8	79	0.00
83	T	tert-Butylbenzene	50.000	42.641	14.7	78	0.00
84	T	1,2,4-Trimethylbenzene	50.000	43.347	13.3	79	0.00
85	T	sec-Butylbenzene	50.000	42.197	15.6	77	0.00
86	T	p-Isopropyltoluene	50.000	42.913	14.2	77	0.00
87	T	1,3-Dichlorobenzene	50.000	41.311	17.4	79	0.00
88	T	1,4-Dichlorobenzene	50.000	41.553	16.9	81	0.00
89	T	n-Butylbenzene	50.000	41.900	16.2	77	0.00
90	T	Hexachloroethane	50.000	40.661	18.7	80	0.00
91	T	1,2-Dichlorobenzene	50.000	42.867	14.3	83	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	44.244	11.5	88	0.00
93	T	1,2,4-Trichlorobenzene	50.000	40.902	18.2	82	0.00
94	T	Hexachlorobutadiene	50.000	38.552	22.9	80	0.00
95	T	Naphthalene	50.000	45.166	9.7	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	40.843	18.3	83	0.00

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