Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102822\
Data File : VD074682.D
Acq On : 28 Oct 2022 20:05
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.07G/5.00ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Oct 29 02:16:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 28 00:18:17 2022
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	98	0.00
2	T	Dichlorodifluoromethane	50.000	44.261	11.5	94	0.00
3	P	Chloromethane	50.000	47.007	6.0	89	0.00
4	C	Vinyl Chloride	50.000	46.085	7.8#	92	0.00
5	T	Bromomethane	50.000	47.666	4.7	101	0.00
6	T	Chloroethane	50.000	46.813	6.4	95	0.00
7	T	Trichlorofluoromethane	50.000	48.509	3.0	97	0.00
8	T	Diethyl Ether	50.000	46.763	6.5	92	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.617	0.8	98	0.00
10	T	Methyl Iodide	50.000	44.417	11.2	98	0.00
11	T	Tert butyl alcohol	250.000	216.819	13.3	91	0.01
12	CM	1,1-Dichloroethene	50.000	48.461	3.1#	98	0.00
13	T	Acrolein	250.000	226.488	9.4	91	0.00
14	T	Allyl chloride	50.000	49.742	0.5	98	0.00
15	T	Acrylonitrile	250.000	244.121	2.4	97	0.00
16	T	Acetone	250.000	213.209	14.7	76	0.00
17	T	Carbon Disulfide	50.000	45.681	8.6	91	0.00
18	T	Methyl Acetate	50.000	47.510	5.0	99	0.00
19	T	Methyl tert-butyl Ether	50.000	48.478	3.0	96	0.00
20	T	Methylene Chloride	50.000	48.194	3.6	97	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.354	5.3	93	0.00
22	T	Diisopropyl ether	50.000	50.606	-1.2	97	0.00
23	T	Vinyl Acetate	250.000	257.388	-3.0	98	0.00
24	P	1,1-Dichloroethane	50.000	48.778	2.4	97	0.00
25	T	2-Butanone	250.000	235.536	5.8	89	0.00
26	T	2,2-Dichloropropane	50.000	48.866	2.3	97	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.925	2.2	97	0.00
28	T	Bromochloromethane	50.000	49.873	0.3	100	0.00
29	T	Tetrahydrofuran	250.000	244.625	2.1	96	0.00
30	C	Chloroform	50.000	48.685	2.6#	97	0.00
31	T	Cyclohexane	50.000	47.867	4.3	93	0.00
32	T	1,1,1-Trichloroethane	50.000	49.418	1.2	96	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.140	-0.3	100	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35	S	Dibromofluoromethane	50.000	50.795	-1.6	100	0.00
36	T	1,1-Dichloropropene	50.000	49.381	1.2	93	0.00
37	T	Ethyl Acetate	50.000	49.316	1.4	101	0.00
38	T	Carbon Tetrachloride	50.000	51.687	-3.4	95	0.00
39	T	Methylcyclohexane	50.000	51.312	-2.6	94	0.00
40	TM	Benzene	50.000	48.808	2.4	94	0.00
41	T	Methacrylonitrile	50.000	47.902	4.2	89	0.00
42	TM	1,2-Dichloroethane	50.000	46.599	6.8	92	0.00
43	T	Isopropyl Acetate	50.000	47.858	4.3	97	0.00
44	TM	Trichloroethene	50.000	48.351	3.3	94	0.00
45	C	1,2-Dichloropropane	50.000	49.479	1.0#	96	0.00
46	T	Dibromomethane	50.000	48.616	2.8	96	0.00
47	T	Bromodichloromethane	50.000	50.198	-0.4	98	0.00
48	T	Methyl methacrylate	50.000	50.772	-1.5	100	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	950.823	4.9	92	0.00
50	S	Toluene-d8	50.000	48.002	4.0	90	0.00
51	T	4-Methyl-2-Pentanone	250.000	234.179	6.3	89	0.00
52	CM	Toluene	50.000	46.299	7.4#	85	0.00
53	T	t-1,3-Dichloropropene	50.000	47.345	5.3	88	0.00
54	T	cis-1,3-Dichloropropene	50.000	46.441	7.1	87	0.00
55	T	1,1,2-Trichloroethane	50.000	45.831	8.3	88	0.00
56	T	Ethyl methacrylate	50.000	48.215	3.6	90	0.00
57	T	1,3-Dichloropropane	50.000	45.906	8.2	87	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	236.459	5.4	108	0.00
59	T	2-Hexanone	250.000	229.908	8.0	84	0.00
60	T	Dibromochloromethane	50.000	46.139	7.7	85	0.00
61	T	1,2-Dibromoethane	50.000	46.028	7.9	87	0.00
62	S	4-Bromofluorobenzene	50.000	50.541	-1.1	100	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64	T	Tetrachloroethene	50.000	48.696	2.6	84	0.00
65	PM	Chlorobenzene	50.000	50.550	-1.1	85	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.779	-3.6	87	0.00
67	C	Ethyl Benzene	50.000	52.389	-4.8#	87	0.00
68	T	m/p-Xylenes	100.000	105.180	-5.2	89	0.00
69	T	o-Xylene	50.000	53.693	-7.4	95	0.00
70	T	Styrene	50.000	54.591	-9.2	97	0.00
71	P	Bromoform	50.000	53.621	-7.2	98	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73	T	Isopropylbenzene	50.000	52.825	-5.7	97	0.00
74	T	N-amyl acetate	50.000	51.745	-3.5	97	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.219	-0.4	97	0.00
76	T	1,2,3-Trichloropropane	50.000	46.760	6.5	82	0.00
77	T	Bromobenzene	50.000	50.321	-0.6	95	0.00
78	T	n-propylbenzene	50.000	52.741	-5.5	95	0.00
79	T	2-Chlorotoluene	50.000	51.481	-3.0	97	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.181	-4.4	96	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.103	-0.2	94	0.00
82	T	4-Chlorotoluene	50.000	51.415	-2.8	96	0.00
83	T	tert-Butylbenzene	50.000	52.707	-5.4	96	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.375	-4.8	95	0.00
85	T	sec-Butylbenzene	50.000	52.853	-5.7	96	0.00
86	T	p-Isopropyltoluene	50.000	51.864	-3.7	95	0.00
87	T	1,3-Dichlorobenzene	50.000	49.360	1.3	94	0.00
88	T	1,4-Dichlorobenzene	50.000	48.320	3.4	95	0.00
89	T	n-Butylbenzene	50.000	52.708	-5.4	96	0.00
90	T	Hexachloroethane	50.000	51.668	-3.3	95	0.00
91	T	1,2-Dichlorobenzene	50.000	50.103	-0.2	96	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.574	-9.1	102	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.974	2.1	91	0.00
94	T	Hexachlorobutadiene	50.000	50.596	-1.2	92	0.00
95	T	Naphthalene	50.000	49.273	1.5	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.482	1.0	93	0.00

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