Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
Data File : VD072984.D
Acq On : 13 May 2022 09:36
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.55G/5.00ml/MSVOA_D/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: May 13 09:42:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 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	85	0.00
2	T	Dichlorodifluoromethane	50.000	35.170	29.7#	61	0.00
3	P	Chloromethane	50.000	36.329	27.3#	65	0.00
4	C	Vinyl Chloride	50.000	37.892	24.2#	63	0.00
5	T	Bromomethane	50.000	45.495	9.0	77	0.00
6	T	Chloroethane	50.000	40.111	19.8	71	0.00
7	T	Trichlorofluoromethane	50.000	39.903	20.2	69	0.00
8	T	Diethyl Ether	50.000	41.659	16.7	73	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	39.172	21.7	68	0.00
10	T	Methyl Iodide	50.000	41.137	17.7	67	0.00
11	T	Tert butyl alcohol	250.000	234.175	6.3	94	-0.01
12	CM	1,1-Dichloroethene	50.000	41.742	16.5#	72	0.00
13	T	Acrolein	250.000	46.585	81.4#	21	0.00
14	T	Allyl chloride	50.000	43.099	13.8	73	0.00
15	T	Acrylonitrile	250.000	202.311	19.1	69	0.00
16	T	Acetone	250.000	182.027	27.2#	55	0.00
17	T	Carbon Disulfide	50.000	39.028	21.9	67	0.00
18	T	Methyl Acetate	50.000	50.692	-1.4	87	0.00
19	T	Methyl tert-butyl Ether	50.000	43.415	13.2	72	0.00
20	T	Methylene Chloride	50.000	46.904	6.2	81	0.00
21	T	trans-1,2-Dichloroethene	50.000	45.549	8.9	77	0.00
22	T	Diisopropyl ether	50.000	44.456	11.1	73	0.00
23	T	Vinyl Acetate	250.000	197.740	20.9	64	0.00
24	P	1,1-Dichloroethane	50.000	44.427	11.1	77	0.00
25	T	2-Butanone	250.000	191.648	23.3	64	0.00
26	T	2,2-Dichloropropane	50.000	37.913	24.2	64	0.00
27	T	cis-1,2-Dichloroethene	50.000	45.142	9.7	78	0.00
28	T	Bromochloromethane	50.000	48.929	2.1	80	0.00
29	T	Tetrahydrofuran	250.000	201.392	19.4	68	0.00
30	C	Chloroform	50.000	45.253	9.5#	79	0.00
31	T	Cyclohexane	50.000	36.738	26.5#	62	0.00
32	T	1,1,1-Trichloroethane	50.000	44.356	11.3	76	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.376	9.2	81	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.00
35	S	Dibromofluoromethane	50.000	51.210	-2.4	91	0.00
36	T	1,1-Dichloropropene	50.000	43.509	13.0	73	0.00
37	T	Ethyl Acetate	50.000	37.392	25.2#	63	0.00
38	T	Carbon Tetrachloride	50.000	44.031	11.9	76	0.00
39	T	Methylcyclohexane	50.000	38.428	23.1	65	0.00
40	TM	Benzene	50.000	44.992	10.0	78	0.00
41	T	Methacrylonitrile	50.000	36.928	26.1#	58	0.00
42	TM	1,2-Dichloroethane	50.000	42.452	15.1	74	0.00
43	T	Isopropyl Acetate	50.000	39.343	21.3	66	0.00
44	TM	Trichloroethene	50.000	44.591	10.8	77	0.00
45	C	1,2-Dichloropropane	50.000	44.066	11.9#	76	0.00
46	T	Dibromomethane	50.000	43.387	13.2	76	0.00
47	T	Bromodichloromethane	50.000	44.906	10.2	78	0.00
48	T	Methyl methacrylate	50.000	40.950	18.1	67	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	773.655	22.6	69	0.00
50	S	Toluene-d8	50.000	50.774	-1.5	89	0.00
51	T	4-Methyl-2-Pentanone	250.000	203.435	18.6	68	0.00
52	CM	Toluene	50.000	46.543	6.9#	77	0.00
53	T	t-1,3-Dichloropropene	50.000	41.332	17.3	70	0.00
54	T	cis-1,3-Dichloropropene	50.000	42.050	15.9	72	0.00
55	T	1,1,2-Trichloroethane	50.000	44.587	10.8	77	0.00
56	T	Ethyl methacrylate	50.000	44.252	11.5	70	0.00
57	T	1,3-Dichloropropane	50.000	43.472	13.1	76	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	242.109	3.2	77	0.00
59	T	2-Hexanone	250.000	203.497	18.6	64	0.00
60	T	Dibromochloromethane	50.000	44.687	10.6	78	0.00
61	T	1,2-Dibromoethane	50.000	43.897	12.2	75	0.00
62	S	4-Bromofluorobenzene	50.000	50.935	-1.9	88	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64	T	Tetrachloroethene	50.000	44.015	12.0	77	0.00
65	PM	Chlorobenzene	50.000	45.242	9.5	78	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	47.506	5.0	81	0.00
67	C	Ethyl Benzene	50.000	47.997	4.0#	80	0.00
68	T	m/p-Xylenes	100.000	96.052	3.9	78	0.00
69	T	o-Xylene	50.000	48.226	3.5	79	0.00
70	T	Styrene	50.000	48.917	2.2	79	0.00
71	P	Bromoform	50.000	44.370	11.3	76	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73	T	Isopropylbenzene	50.000	47.492	5.0	79	0.00
74	T	N-amyl acetate	50.000	38.489	23.0	64	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	42.983	14.0	77	0.00
76	T	1,2,3-Trichloropropane	50.000	41.672	16.7	69	0.00
77	T	Bromobenzene	50.000	46.193	7.6	80	0.00
78	T	n-propylbenzene	50.000	46.908	6.2	78	0.00
79	T	2-Chlorotoluene	50.000	46.876	6.2	80	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.677	4.6	79	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	38.465	23.1	64	0.00
82	T	4-Chlorotoluene	50.000	46.174	7.7	79	0.00
83	T	tert-Butylbenzene	50.000	48.217	3.6	80	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.958	4.1	80	0.00
85	T	sec-Butylbenzene	50.000	47.373	5.3	79	0.00
86	T	p-Isopropyltoluene	50.000	47.742	4.5	79	0.00
87	T	1,3-Dichlorobenzene	50.000	46.746	6.5	82	0.00
88	T	1,4-Dichlorobenzene	50.000	45.794	8.4	81	0.00
89	T	n-Butylbenzene	50.000	46.148	7.7	76	0.00
90	T	Hexachloroethane	50.000	48.101	3.8	84	0.00
91	T	1,2-Dichlorobenzene	50.000	45.681	8.6	79	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	39.275	21.5	70	0.00
93	T	1,2,4-Trichlorobenzene	50.000	44.865	10.3	75	0.00
94	T	Hexachlorobutadiene	50.000	42.895	14.2	75	0.00
95	T	Naphthalene	50.000	44.381	11.2	72	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.161	9.7	75	0.00

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