Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091522\
Data File : VD074301.D
Acq On : 15 Sep 2022 11:18
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Sep 15 12:17:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 10 04:45:19 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	71	0.00
2	T	Dichlorodifluoromethane	50.000	46.194	7.6	70	0.00
3	P	Chloromethane	50.000	48.171	3.7	80	0.00
4	C	Vinyl Chloride	50.000	57.274	-14.5#	88	0.00
5	T	Bromomethane	50.000	64.695	-29.4#	101	0.00
6	T	Chloroethane	50.000	59.923	-19.8	97	0.00
7	T	Trichlorofluoromethane	50.000	46.678	6.6	73	0.01
8	T	Diethyl Ether	50.000	47.008	6.0	71	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.683	4.6	73	0.01
10	T	Methyl Iodide	50.000	47.329	5.3	68	0.00
11	T	Tert butyl alcohol	250.000	203.052	18.8	64	0.00
12	CM	1,1-Dichloroethene	50.000	46.250	7.5#	71	0.01
13	T	Acrolein	250.000	234.525	6.2	68	0.00
14	T	Allyl chloride	50.000	46.507	7.0	71	0.00
15	T	Acrylonitrile	250.000	246.881	1.2	71	0.00
16	T	Acetone	250.000	273.229	-9.3	70	0.00
17	T	Carbon Disulfide	50.000	41.795	16.4	65	0.00
18	T	Methyl Acetate	50.000	44.833	10.3	71	0.00
19	T	Methyl tert-butyl Ether	50.000	47.112	5.8	70	0.00
20	T	Methylene Chloride	50.000	53.715	-7.4	78	0.00
21	T	trans-1,2-Dichloroethene	50.000	45.718	8.6	70	0.00
22	T	Diisopropyl ether	50.000	48.981	2.0	72	0.00
23	T	Vinyl Acetate	250.000	257.366	-2.9	72	0.00
24	P	1,1-Dichloroethane	50.000	49.711	0.6	74	0.00
25	T	2-Butanone	250.000	241.088	3.6	70	0.00
26	T	2,2-Dichloropropane	50.000	48.040	3.9	73	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.806	6.4	71	0.00
28	T	Bromochloromethane	50.000	49.410	1.2	67	0.00
29	T	Tetrahydrofuran	250.000	239.761	4.1	70	0.00
30	C	Chloroform	50.000	49.179	1.6#	74	0.01
31	T	Cyclohexane	50.000	43.805	12.4	71	0.00
32	T	1,1,1-Trichloroethane	50.000	47.972	4.1	72	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.637	8.7	65	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	72	0.00
35	S	Dibromofluoromethane	50.000	43.471	13.1	65	0.00
36	T	1,1-Dichloropropene	50.000	46.386	7.2	72	0.00
37	T	Ethyl Acetate	50.000	47.104	5.8	72	0.00
38	T	Carbon Tetrachloride	50.000	48.766	2.5	73	0.01
39	T	Methylcyclohexane	50.000	43.287	13.4	68	0.01
40	TM	Benzene	50.000	47.700	4.6	73	0.00
41	T	Methacrylonitrile	50.000	48.426	3.1	65	0.00
42	TM	1,2-Dichloroethane	50.000	46.305	7.4	71	0.01
43	T	Isopropyl Acetate	50.000	44.632	10.7	67	0.00
44	TM	Trichloroethene	50.000	45.032	9.9	69	0.00
45	C	1,2-Dichloropropane	50.000	48.056	3.9#	74	0.00
46	T	Dibromomethane	50.000	47.920	4.2	72	0.00
47	T	Bromodichloromethane	50.000	48.376	3.2	73	0.00
48	T	Methyl methacrylate	50.000	47.341	5.3	71	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	884.008	11.6	60	0.00
50	S	Toluene-d8	50.000	46.789	6.4	65	0.00
51	T	4-Methyl-2-Pentanone	250.000	243.008	2.8	71	0.00
52	CM	Toluene	50.000	47.042	5.9#	71	0.00
53	T	t-1,3-Dichloropropene	50.000	47.150	5.7	69	0.00
54	T	cis-1,3-Dichloropropene	50.000	47.280	5.4	72	0.00
55	T	1,1,2-Trichloroethane	50.000	48.346	3.3	72	0.00
56	T	Ethyl methacrylate	50.000	47.616	4.8	69	0.00
57	T	1,3-Dichloropropane	50.000	47.892	4.2	72	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	217.581	13.0	75	0.00
59	T	2-Hexanone	250.000	243.923	2.4	70	0.00
60	T	Dibromochloromethane	50.000	46.678	6.6	70	0.00
61	T	1,2-Dibromoethane	50.000	46.841	6.3	70	0.00
62	S	4-Bromofluorobenzene	50.000	40.305	19.4	64	0.01
63	I	Chlorobenzene-d5	50.000	50.000	0.0	73	0.00
64	T	Tetrachloroethene	50.000	43.111	13.8	68	0.00
65	PM	Chlorobenzene	50.000	47.065	5.9	72	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.853	2.3	74	0.00
67	C	Ethyl Benzene	50.000	47.096	5.8#	72	0.01
68	T	m/p-Xylenes	100.000	93.062	6.9	71	0.00
69	T	o-Xylene	50.000	46.896	6.2	71	0.00
70	T	Styrene	50.000	48.220	3.6	72	0.00
71	P	Bromoform	50.000	46.658	6.7	69	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	73	0.01
73	T	Isopropylbenzene	50.000	47.948	4.1	73	0.01
74	T	N-amyl acetate	50.000	45.949	8.1	68	0.01
75	P	1,1,2,2-Tetrachloroethane	50.000	46.715	6.6	70	0.00
76	T	1,2,3-Trichloropropane	50.000	46.361	7.3	64	0.00
77	T	Bromobenzene	50.000	46.486	7.0	72	0.00
78	T	n-propylbenzene	50.000	47.497	5.0	73	0.01
79	T	2-Chlorotoluene	50.000	46.906	6.2	72	0.00
80	T	1,3,5-Trimethylbenzene	50.000	46.431	7.1	72	0.01
81	T	trans-1,4-Dichloro-2-butene	50.000	47.625	4.8	71	0.01
82	T	4-Chlorotoluene	50.000	47.118	5.8	73	0.01
83	T	tert-Butylbenzene	50.000	48.220	3.6	74	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.557	4.9	73	0.01
85	T	sec-Butylbenzene	50.000	47.828	4.3	74	0.01
86	T	p-Isopropyltoluene	50.000	47.498	5.0	72	0.01
87	T	1,3-Dichlorobenzene	50.000	46.981	6.0	73	0.01
88	T	1,4-Dichlorobenzene	50.000	46.054	7.9	71	0.00
89	T	n-Butylbenzene	50.000	47.333	5.3	73	0.01
90	T	Hexachloroethane	50.000	49.195	1.6	75	0.01
91	T	1,2-Dichlorobenzene	50.000	45.916	8.2	70	0.01
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.527	4.9	69	0.01
93	T	1,2,4-Trichlorobenzene	50.000	44.843	10.3	70	0.01
94	T	Hexachlorobutadiene	50.000	45.455	9.1	70	0.01
95	T	Naphthalene	50.000	45.887	8.2	69	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.527	10.9	69	0.01

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