Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102822\
Data File : VD074663.D
Acq On : 28 Oct 2022 10:47
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: Oct 29 02:13:12 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	109	0.00
2	T	Dichlorodifluoromethane	50.000	45.839	8.3	108	0.00
3	P	Chloromethane	50.000	41.757	16.5	89	0.00
4	C	Vinyl Chloride	50.000	46.052	7.9#	102	0.00
5	T	Bromomethane	50.000	51.673	-3.3	121	0.00
6	T	Chloroethane	50.000	44.898	10.2	102	0.00
7	T	Trichlorofluoromethane	50.000	48.234	3.5	107	0.00
8	T	Diethyl Ether	50.000	44.176	11.6	97	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.025	2.0	108	0.00
10	T	Methyl Iodide	50.000	47.654	4.7	118	0.00
11	T	Tert butyl alcohol	250.000	164.452	34.2#	86	0.00
12	CM	1,1-Dichloroethene	50.000	47.192	5.6#	106	0.00
13	T	Acrolein	250.000	248.385	0.6	111	0.00
14	T	Allyl chloride	50.000	49.861	0.3	109	0.00
15	T	Acrylonitrile	250.000	220.294	11.9	97	0.00
16	T	Acetone	250.000	269.539	-7.8	105	0.00
17	T	Carbon Disulfide	50.000	45.944	8.1	102	0.00
18	T	Methyl Acetate	50.000	41.872	16.3	97	0.00
19	T	Methyl tert-butyl Ether	50.000	45.196	9.6	99	0.00
20	T	Methylene Chloride	50.000	40.483	19.0	95	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.782	6.4	103	0.00
22	T	Diisopropyl ether	50.000	48.210	3.6	103	0.00
23	T	Vinyl Acetate	250.000	297.193	-18.9	126	0.00
24	P	1,1-Dichloroethane	50.000	46.737	6.5	103	0.00
25	T	2-Butanone	250.000	234.210	6.3	98	0.00
26	T	2,2-Dichloropropane	50.000	49.441	1.1	109	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.012	6.0	103	0.00
28	T	Bromochloromethane	50.000	49.944	0.1	111	0.00
29	T	Tetrahydrofuran	250.000	215.671	13.7	94	0.00
30	C	Chloroform	50.000	46.229	7.5#	103	0.00
31	T	Cyclohexane	50.000	47.698	4.6	103	0.00
32	T	1,1,1-Trichloroethane	50.000	48.852	2.3	106	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.315	3.4	108	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	111	0.00
35	S	Dibromofluoromethane	50.000	49.449	1.1	109	0.00
36	T	1,1-Dichloropropene	50.000	49.098	1.8	103	0.00
37	T	Ethyl Acetate	50.000	45.408	9.2	103	0.00
38	T	Carbon Tetrachloride	50.000	51.646	-3.3	105	0.00
39	T	Methylcyclohexane	50.000	51.491	-3.0	105	0.00
40	TM	Benzene	50.000	47.368	5.3	101	0.00
41	T	Methacrylonitrile	50.000	51.027	-2.1	105	0.00
42	TM	1,2-Dichloroethane	50.000	44.627	10.7	98	0.00
43	T	Isopropyl Acetate	50.000	43.386	13.2	97	0.00
44	TM	Trichloroethene	50.000	47.269	5.5	103	0.00
45	C	1,2-Dichloropropane	50.000	47.619	4.8#	103	0.00
46	T	Dibromomethane	50.000	45.105	9.8	99	0.00
47	T	Bromodichloromethane	50.000	46.707	6.6	101	0.00
48	T	Methyl methacrylate	50.000	46.176	7.6	101	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	805.940	19.4	87	0.00
50	S	Toluene-d8	50.000	52.798	-5.6	110	0.00
51	T	4-Methyl-2-Pentanone	250.000	227.384	9.0	96	0.00
52	CM	Toluene	50.000	49.778	0.4#	102	0.00
53	T	t-1,3-Dichloropropene	50.000	50.665	-1.3	105	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.200	1.6	102	0.00
55	T	1,1,2-Trichloroethane	50.000	45.520	9.0	98	0.00
56	T	Ethyl methacrylate	50.000	47.172	5.7	98	0.00
57	T	1,3-Dichloropropane	50.000	47.944	4.1	101	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	283.634	-13.5	148	0.00
59	T	2-Hexanone	250.000	238.103	4.8	97	0.00
60	T	Dibromochloromethane	50.000	47.934	4.1	98	0.00
61	T	1,2-Dibromoethane	50.000	46.240	7.5	97	0.00
62	S	4-Bromofluorobenzene	50.000	53.672	-7.3	118	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	106	0.00
64	T	Tetrachloroethene	50.000	48.187	3.6	101	0.00
65	PM	Chlorobenzene	50.000	48.569	2.9	100	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.484	1.0	102	0.00
67	C	Ethyl Benzene	50.000	50.611	-1.2#	103	0.00
68	T	m/p-Xylenes	100.000	101.822	-1.8	106	0.00
69	T	o-Xylene	50.000	50.554	-1.1	110	0.00
70	T	Styrene	50.000	51.327	-2.7	111	0.00
71	P	Bromoform	50.000	48.431	3.1	108	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	116	0.00
73	T	Isopropylbenzene	50.000	52.482	-5.0	113	0.00
74	T	N-amyl acetate	50.000	46.550	6.9	103	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	44.841	10.3	102	0.00
76	T	1,2,3-Trichloropropane	50.000	43.505	13.0	90	0.00
77	T	Bromobenzene	50.000	48.863	2.3	109	0.00
78	T	n-propylbenzene	50.000	52.500	-5.0	112	0.00
79	T	2-Chlorotoluene	50.000	50.606	-1.2	113	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.639	-3.3	112	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	54.200	-8.4	120	0.00
82	T	4-Chlorotoluene	50.000	50.454	-0.9	111	0.00
83	T	tert-Butylbenzene	50.000	51.111	-2.2	110	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.101	-2.2	110	0.00
85	T	sec-Butylbenzene	50.000	52.319	-4.6	113	0.00
86	T	p-Isopropyltoluene	50.000	51.533	-3.1	112	0.00
87	T	1,3-Dichlorobenzene	50.000	48.525	3.0	109	0.00
88	T	1,4-Dichlorobenzene	50.000	47.546	4.9	110	0.00
89	T	n-Butylbenzene	50.000	52.001	-4.0	112	0.00
90	T	Hexachloroethane	50.000	52.415	-4.8	114	0.00
91	T	1,2-Dichlorobenzene	50.000	48.573	2.9	109	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.906	6.2	103	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.256	3.5	106	0.00
94	T	Hexachlorobutadiene	50.000	51.043	-2.1	110	0.00
95	T	Naphthalene	50.000	46.673	6.7	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.474	3.1	108	0.00

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