Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102722\
Data File : VD074661.D
Acq On : 27 Oct 2022 19:42
Operator : VA/SY
Sample : VSTDICV050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ICVVD102722

Quant Time: Oct 28 00:23:05 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	95	0.00
2	T	Dichlorodifluoromethane	50.000	42.594	14.8	88	0.00
3	P	Chloromethane	50.000	49.442	1.1	90	0.00
4	C	Vinyl Chloride	50.000	45.471	9.1#	88	0.00
5	T	Bromomethane	50.000	48.479	3.0	99	0.00
6	T	Chloroethane	50.000	46.405	7.2	91	0.00
7	T	Trichlorofluoromethane	50.000	46.112	7.8	89	0.00
8	T	Diethyl Ether	50.000	51.248	-2.5	98	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.388	5.2	91	0.00
10	T	Methyl Iodide	50.000	44.951	10.1	96	0.00
11	T	Tert butyl alcohol	250.000	199.761	20.1	84	0.00
12	CM	1,1-Dichloroethene	50.000	47.360	5.3#	93	0.00
13	T	Acrolein	250.000	285.027	-14.0	111	0.00
14	T	Allyl chloride	50.000	49.682	0.6	95	0.00
15	T	Acrylonitrile	250.000	269.142	-7.7	103	0.00
16	T	Acetone	250.000	243.446	2.6	83	0.00
17	T	Carbon Disulfide	50.000	47.244	5.5	91	0.00
18	T	Methyl Acetate	50.000	54.317	-8.6	109	0.00
19	T	Methyl tert-butyl Ether	50.000	52.299	-4.6	100	0.00
20	T	Methylene Chloride	50.000	49.058	1.9	95	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.363	3.3	92	0.00
22	T	Diisopropyl ether	50.000	52.159	-4.3	97	0.00
23	T	Vinyl Acetate	250.000	281.449	-12.6	104	0.00
24	P	1,1-Dichloroethane	50.000	48.431	3.1	93	0.00
25	T	2-Butanone	250.000	266.016	-6.4	97	0.00
26	T	2,2-Dichloropropane	50.000	47.664	4.7	91	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.384	-0.8	96	0.00
28	T	Bromochloromethane	50.000	52.483	-5.0	101	0.00
29	T	Tetrahydrofuran	250.000	274.713	-9.9	104	0.00
30	C	Chloroform	50.000	49.384	1.2#	95	0.00
31	T	Cyclohexane	50.000	45.972	8.1	87	0.00
32	T	1,1,1-Trichloroethane	50.000	47.867	4.3	90	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.346	-2.7	99	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35	S	Dibromofluoromethane	50.000	50.158	-0.3	97	0.00
36	T	1,1-Dichloropropene	50.000	48.289	3.4	90	0.00
37	T	Ethyl Acetate	50.000	54.285	-8.6	109	0.00
38	T	Carbon Tetrachloride	50.000	48.915	2.2	88	0.00
39	T	Methylcyclohexane	50.000	48.768	2.5	88	0.00
40	TM	Benzene	50.000	48.610	2.8	92	0.00
41	T	Methacrylonitrile	50.000	52.323	-4.6	95	0.00
42	TM	1,2-Dichloroethane	50.000	49.218	1.6	96	0.00
43	T	Isopropyl Acetate	50.000	52.144	-4.3	103	0.00
44	TM	Trichloroethene	50.000	48.378	3.2	93	0.00
45	C	1,2-Dichloropropane	50.000	50.130	-0.3#	95	0.00
46	T	Dibromomethane	50.000	51.640	-3.3	100	0.00
47	T	Bromodichloromethane	50.000	51.356	-2.7	98	0.00
48	T	Methyl methacrylate	50.000	54.178	-8.4	104	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1056.688	-5.7	101	0.00
50	S	Toluene-d8	50.000	49.756	0.5	91	0.00
51	T	4-Methyl-2-Pentanone	250.000	277.821	-11.1	104	0.00
52	CM	Toluene	50.000	46.271	7.5#	84	0.00
53	T	t-1,3-Dichloropropene	50.000	48.885	2.2	89	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.503	-5.0	96	0.00
55	T	1,1,2-Trichloroethane	50.000	47.078	5.8	89	0.00
56	T	Ethyl methacrylate	50.000	50.506	-1.0	93	0.00
57	T	1,3-Dichloropropane	50.000	48.209	3.6	90	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	229.183	8.3	103	0.00
59	T	2-Hexanone	250.000	256.358	-2.5	92	0.00
60	T	Dibromochloromethane	50.000	47.653	4.7	86	0.00
61	T	1,2-Dibromoethane	50.000	47.960	4.1	89	0.00
62	S	4-Bromofluorobenzene	50.000	49.569	0.9	96	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64	T	Tetrachloroethene	50.000	47.530	4.9	82	0.00
65	PM	Chlorobenzene	50.000	49.496	1.0	83	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.692	-3.4	87	0.00
67	C	Ethyl Benzene	50.000	50.430	-0.9#	84	0.00
68	T	m/p-Xylenes	100.000	102.488	-2.5	87	0.00
69	T	o-Xylene	50.000	52.147	-4.3	92	0.00
70	T	Styrene	50.000	54.802	-9.6	97	0.00
71	P	Bromoform	50.000	54.179	-8.4	99	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73	T	Isopropylbenzene	50.000	49.181	1.6	92	0.00
74	T	N-amyl acetate	50.000	54.957	-9.9	106	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.813	-1.6	101	0.00
76	T	1,2,3-Trichloropropane	50.000	56.584	-13.2	102	0.00
77	T	Bromobenzene	50.000	49.633	0.7	97	0.00
78	T	n-propylbenzene	50.000	49.769	0.5	93	0.00
79	T	2-Chlorotoluene	50.000	49.528	0.9	96	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.520	1.0	94	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.376	-6.8	103	0.00
82	T	4-Chlorotoluene	50.000	49.459	1.1	95	0.00
83	T	tert-Butylbenzene	50.000	48.974	2.1	92	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.838	-1.7	95	0.00
85	T	sec-Butylbenzene	50.000	49.311	1.4	92	0.00
86	T	p-Isopropyltoluene	50.000	48.647	2.7	92	0.00
87	T	1,3-Dichlorobenzene	50.000	48.509	3.0	95	0.00
88	T	1,4-Dichlorobenzene	50.000	47.843	4.3	96	0.00
89	T	n-Butylbenzene	50.000	49.424	1.2	93	0.00
90	T	Hexachloroethane	50.000	48.970	2.1	93	0.00
91	T	1,2-Dichlorobenzene	50.000	49.181	1.6	97	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.561	-7.1	103	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.395	-2.8	99	0.00
94	T	Hexachlorobutadiene	50.000	46.851	6.3	88	0.00
95	T	Naphthalene	50.000	53.977	-8.0	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.212	-0.4	97	0.00

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