Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012524\
Data File : VD078251.D
Acq On : 25 Jan 2024 17:18
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.04G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jan 26 14:41:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 23 05:43:07 2024
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	78	0.00
2	T	Dichlorodifluoromethane	50.000	42.759	14.5	69	0.00
3	P	Chloromethane	50.000	55.198	-10.4	84	0.00
4	C	Vinyl Chloride	50.000	45.272	9.5#	74	0.00
5	T	Bromomethane	50.000	44.073	11.9	78	0.00
6	T	Chloroethane	50.000	49.565	0.9	79	0.00
7	T	Trichlorofluoromethane	50.000	44.539	10.9	76	0.00
8	T	Diethyl Ether	50.000	55.548	-11.1	92	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.686	6.6	77	0.00
10	T	Methyl Iodide	50.000	49.713	0.6	72	0.00
11	T	Tert butyl alcohol	250.000	303.082	-21.2	97	0.00
12	CM	1,1-Dichloroethene	50.000	46.248	7.5#	79	0.00
13	T	Acrolein	250.000	254.666	-1.9	76	0.00
14	T	Allyl chloride	50.000	51.809	-3.6	83	0.00
15	T	Acrylonitrile	250.000	291.641	-16.7	92	0.00
16	T	Acetone	250.000	231.736	7.3	78	0.00
17	T	Carbon Disulfide	50.000	46.199	7.6	75	0.00
18	T	Methyl Acetate	50.000	63.780	-27.6#	97	0.00
19	T	Methyl tert-butyl Ether	50.000	56.433	-12.9	89	-0.01
20	T	Methylene Chloride	50.000	56.238	-12.5	87	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.775	0.5	81	0.00
22	T	Diisopropyl ether	50.000	59.679	-19.4	93	0.00
23	T	Vinyl Acetate	250.000	283.618	-13.4	88	0.00
24	P	1,1-Dichloroethane	50.000	53.790	-7.6	86	-0.01
25	T	2-Butanone	250.000	265.266	-6.1	89	0.00
26	T	2,2-Dichloropropane	50.000	46.889	6.2	75	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.091	-8.2	86	0.00
28	T	Bromochloromethane	50.000	57.645	-15.3	90	0.00
29	T	Tetrahydrofuran	250.000	311.901	-24.8	96	0.00
30	C	Chloroform	50.000	56.858	-13.7#	91	0.00
31	T	Cyclohexane	50.000	45.188	9.6	75	0.00
32	T	1,1,1-Trichloroethane	50.000	50.073	-0.1	80	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.260	3.5	74	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35	S	Dibromofluoromethane	50.000	44.575	10.8	73	0.00
36	T	1,1-Dichloropropene	50.000	45.330	9.3	77	0.00
37	T	Ethyl Acetate	50.000	52.144	-4.3	93	0.00
38	T	Carbon Tetrachloride	50.000	44.052	11.9	76	0.00
39	T	Methylcyclohexane	50.000	43.196	13.6	72	0.00
40	TM	Benzene	50.000	51.889	-3.8	88	0.00
41	T	Methacrylonitrile	50.000	61.175	-22.3	100	0.00
42	TM	1,2-Dichloroethane	50.000	52.593	-5.2	88	0.00
43	T	Isopropyl Acetate	50.000	55.349	-10.7	94	0.00
44	TM	Trichloroethene	50.000	47.760	4.5	84	0.00
45	C	1,2-Dichloropropane	50.000	53.923	-7.8#	91	0.00
46	T	Dibromomethane	50.000	52.929	-5.9	93	0.00
47	T	Bromodichloromethane	50.000	52.323	-4.6	89	0.00
48	T	Methyl methacrylate	50.000	51.647	-3.3	87	0.00

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Instrument :
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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	1084.355	-8.4	99	0.00
50	S	Toluene-d8	50.000	43.397	13.2	70	0.00
51	T	4-Methyl-2-Pentanone	250.000	285.156	-14.1	95	0.00
52	CM	Toluene	50.000	50.925	-1.8#	86	0.00
53	T	t-1,3-Dichloropropene	50.000	52.948	-5.9	89	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.121	-4.2	86	0.00
55	T	1,1,2-Trichloroethane	50.000	55.197	-10.4	94	0.00
56	T	Ethyl methacrylate	50.000	55.600	-11.2	90	0.00
57	T	1,3-Dichloropropane	50.000	54.664	-9.3	93	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	317.749	-27.1#	102	0.00
59	T	2-Hexanone	250.000	248.024	0.8	91	0.00
60	T	Dibromochloromethane	50.000	53.320	-6.6	90	0.00
61	T	1,2-Dibromoethane	50.000	54.609	-9.2	90	0.00
62	S	4-Bromofluorobenzene	50.000	43.834	12.3	71	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64	T	Tetrachloroethene	50.000	44.527	10.9	80	0.00
65	PM	Chlorobenzene	50.000	48.176	3.6	85	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.112	-0.2	87	0.00
67	C	Ethyl Benzene	50.000	48.496	3.0#	84	0.00
68	T	m/p-Xylenes	100.000	99.103	0.9	86	0.00
69	T	o-Xylene	50.000	50.311	-0.6	85	0.00
70	T	Styrene	50.000	52.307	-4.6	89	0.00
71	P	Bromoform	50.000	52.902	-5.8	95	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73	T	Isopropylbenzene	50.000	48.337	3.3	84	0.00
74	T	N-amyl acetate	50.000	53.887	-7.8	94	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.389	-4.8	92	0.00
76	T	1,2,3-Trichloropropane	50.000	60.821	-21.6	106	0.00
77	T	Bromobenzene	50.000	48.714	2.6	85	0.00
78	T	n-propylbenzene	50.000	47.634	4.7	83	0.00
79	T	2-Chlorotoluene	50.000	48.465	3.1	86	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.224	1.6	86	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.008	-2.0	89	0.00
82	T	4-Chlorotoluene	50.000	49.532	0.9	88	0.00
83	T	tert-Butylbenzene	50.000	46.118	7.8	80	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.422	1.2	86	0.00
85	T	sec-Butylbenzene	50.000	46.585	6.8	82	0.00
86	T	p-Isopropyltoluene	50.000	47.577	4.8	83	0.00
87	T	1,3-Dichlorobenzene	50.000	49.391	1.2	88	0.00
88	T	1,4-Dichlorobenzene	50.000	48.880	2.2	88	0.00
89	T	n-Butylbenzene	50.000	46.260	7.5	80	0.00
90	T	Hexachloroethane	50.000	47.905	4.2	85	0.00
91	T	1,2-Dichlorobenzene	50.000	50.493	-1.0	88	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.671	-3.3	94	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.315	7.4	82	0.00
94	T	Hexachlorobutadiene	50.000	41.472	17.1	72	0.00
95	T	Naphthalene	50.000	53.679	-7.4	92	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.827	0.3	87	0.00

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