Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
Data File : VY016752.D
Acq On : 21 Dec 2023 09:51
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Dec 21 14:21:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 2023
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	93	0.01
2	T	Dichlorodifluoromethane	50.000	39.113	21.8	88	0.00
3	P	Chloromethane	50.000	40.869	18.3	91	0.01
4	C	Vinyl Chloride	50.000	42.416	15.2#	90	0.00
5	T	Bromomethane	50.000	41.702	16.6	94	0.01
6	T	Chloroethane	50.000	42.084	15.8	91	0.00
7	T	Trichlorofluoromethane	50.000	42.227	15.5	90	0.01
8	T	Diethyl Ether	50.000	44.412	11.2	92	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	42.164	15.7	89	0.01
10	T	Methyl Iodide	50.000	42.493	15.0	85	0.01
11	T	Tert butyl alcohol	250.000	216.515	13.4	92	0.02
12	CM	1,1-Dichloroethene	50.000	44.701	10.6#	93	0.01
13	T	Acrolein	250.000	234.317	6.3	83	0.01
14	T	Allyl chloride	50.000	46.009	8.0	94	0.01
15	T	Acrylonitrile	250.000	234.572	6.2	91	0.02
16	T	Acetone	250.000	232.545	7.0	108	0.01
17	T	Carbon Disulfide	50.000	45.367	9.3	91	0.02
18	T	Methyl Acetate	50.000	49.537	0.9	88	0.01
19	T	Methyl tert-butyl Ether	50.000	44.698	10.6	91	0.02
20	T	Methylene Chloride	50.000	40.545	18.9	91	0.02
21	T	trans-1,2-Dichloroethene	50.000	45.687	8.6	93	0.02
22	T	Diisopropyl ether	50.000	46.573	6.9	94	0.02
23	T	Vinyl Acetate	250.000	224.917	10.0	91	0.02
24	P	1,1-Dichloroethane	50.000	44.795	10.4	92	0.02
25	T	2-Butanone	250.000	232.066	7.2	101	0.02
26	T	2,2-Dichloropropane	50.000	43.741	12.5	93	0.02
27	T	cis-1,2-Dichloroethene	50.000	45.115	9.8	92	0.01
28	T	Bromochloromethane	50.000	49.807	0.4	84	0.01
29	T	Tetrahydrofuran	250.000	241.483	3.4	92	0.01
30	C	Chloroform	50.000	44.545	10.9#	93	0.01
31	T	Cyclohexane	50.000	42.905	14.2	92	0.01
32	T	1,1,1-Trichloroethane	50.000	43.433	13.1	91	0.01
33	S	1,2-Dichloroethane-d4	50.000	46.686	6.6	76	0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35	S	Dibromofluoromethane	50.000	44.726	10.5	75	0.02
36	T	1,1-Dichloropropene	50.000	42.987	14.0	91	0.01
37	T	Ethyl Acetate	50.000	45.004	10.0	90	0.01
38	T	Carbon Tetrachloride	50.000	42.484	15.0	91	0.01
39	T	Methylcyclohexane	50.000	44.603	10.8	92	0.01
40	TM	Benzene	50.000	44.033	11.9	93	0.01
41	T	Methacrylonitrile	50.000	42.145	15.7	77	0.01
42	TM	1,2-Dichloroethane	50.000	44.740	10.5	92	0.00
43	T	Isopropyl Acetate	50.000	44.554	10.9	92	0.01
44	TM	Trichloroethene	50.000	43.090	13.8	92	0.01
45	C	1,2-Dichloropropane	50.000	43.438	13.1#	92	0.00
46	T	Dibromomethane	50.000	44.279	11.4	93	0.01
47	T	Bromodichloromethane	50.000	43.630	12.7	93	0.00
48	T	Methyl methacrylate	50.000	44.689	10.6	89	0.01

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	945.053	5.5	95	0.00
50	S	Toluene-d8	50.000	44.828	10.3	74	0.00
51	T	4-Methyl-2-Pentanone	250.000	225.721	9.7	90	0.00
52	CM	Toluene	50.000	44.751	10.5#	93	0.01
53	T	t-1,3-Dichloropropene	50.000	44.815	10.4	92	0.01
54	T	cis-1,3-Dichloropropene	50.000	44.582	10.8	92	0.00
55	T	1,1,2-Trichloroethane	50.000	43.956	12.1	92	0.00
56	T	Ethyl methacrylate	50.000	46.138	7.7	91	0.00
57	T	1,3-Dichloropropane	50.000	44.708	10.6	92	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	311.106	-24.4	88	0.01
59	T	2-Hexanone	250.000	222.697	10.9	94	0.00
60	T	Dibromochloromethane	50.000	43.806	12.4	92	0.00
61	T	1,2-Dibromoethane	50.000	44.048	11.9	91	0.00
62	S	4-Bromofluorobenzene	50.000	45.149	9.7	75	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64	T	Tetrachloroethene	50.000	42.180	15.6	92	0.01
65	PM	Chlorobenzene	50.000	43.181	13.6	93	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	42.726	14.5	92	0.00
67	C	Ethyl Benzene	50.000	44.003	12.0#	94	0.01
68	T	m/p-Xylenes	100.000	87.103	12.9	92	0.01
69	T	o-Xylene	50.000	44.122	11.8	92	0.00
70	T	Styrene	50.000	44.403	11.2	91	0.01
71	P	Bromoform	50.000	42.812	14.4	90	0.01
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73	T	Isopropylbenzene	50.000	43.718	12.6	92	0.00
74	T	N-amyl acetate	50.000	42.721	14.6	89	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	42.664	14.7	91	0.00
76	T	1,2,3-Trichloropropane	50.000	38.626	22.7	93	0.00
77	T	Bromobenzene	50.000	42.029	15.9	90	0.00
78	T	n-propylbenzene	50.000	43.713	12.6	92	0.00
79	T	2-Chlorotoluene	50.000	43.053	13.9	91	0.00
80	T	1,3,5-Trimethylbenzene	50.000	43.985	12.0	92	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	41.181	17.6	88	0.00
82	T	4-Chlorotoluene	50.000	42.511	15.0	90	0.00
83	T	tert-Butylbenzene	50.000	44.590	10.8	92	0.00
84	T	1,2,4-Trimethylbenzene	50.000	43.844	12.3	91	0.00
85	T	sec-Butylbenzene	50.000	43.328	13.3	91	0.00
86	T	p-Isopropyltoluene	50.000	42.955	14.1	90	0.00
87	T	1,3-Dichlorobenzene	50.000	41.594	16.8	91	0.00
88	T	1,4-Dichlorobenzene	50.000	41.512	17.0	89	0.00
89	T	n-Butylbenzene	50.000	43.115	13.8	89	0.00
90	T	Hexachloroethane	50.000	40.962	18.1	90	0.00
91	T	1,2-Dichlorobenzene	50.000	42.011	16.0	89	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	39.641	20.7	85	0.00
93	T	1,2,4-Trichlorobenzene	50.000	40.451	19.1	84	0.00
94	T	Hexachlorobutadiene	50.000	40.479	19.0	85	0.00
95	T	Naphthalene	50.000	35.876	28.2#	79	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	38.710	22.6	78	0.00

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