Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062124\
Data File : VY018661.D
Acq On : 21 Jun 2024 10:06
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 21 22:56:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 14 07:08:24 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	97	0.00
2	T	Dichlorodifluoromethane	50.000	46.638	6.7	81	0.00
3	P	Chloromethane	50.000	41.134	17.7	65	0.00
4	C	Vinyl Chloride	50.000	43.510	13.0#	71	0.00
5	T	Bromomethane	50.000	39.845	20.3	69	0.00
6	T	Chloroethane	50.000	43.097	13.8	71	0.00
7	T	Trichlorofluoromethane	50.000	47.498	5.0	79	0.00
8	T	Diethyl Ether	50.000	46.444	7.1	73	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.376	-0.8	85	0.00
10	T	Methyl Iodide	50.000	46.008	8.0	74	0.00
11	T	Tert butyl alcohol	250.000	87.258	65.1#	46	0.00
12	CM	1,1-Dichloroethene	50.000	47.313	5.4#	78	0.00
13	T	Acrolein	250.000	244.752	2.1	73	0.00
14	T	Allyl chloride	50.000	43.887	12.2	71	0.00
15	T	Acrylonitrile	250.000	221.537	11.4	71	0.00
16	T	Acetone	250.000	235.917	5.6	74	0.00
17	T	Carbon Disulfide	50.000	42.042	15.9	70	0.00
18	T	Methyl Acetate	50.000	43.857	12.3	64	0.00
19	T	Methyl tert-butyl Ether	50.000	44.148	11.7	72	0.00
20	T	Methylene Chloride	50.000	40.787	18.4	72	0.00
21	T	trans-1,2-Dichloroethene	50.000	45.809	8.4	75	0.00
22	T	Diisopropyl ether	50.000	45.424	9.2	73	0.00
23	T	Vinyl Acetate	250.000	194.099	22.4	69	0.00
24	P	1,1-Dichloroethane	50.000	44.141	11.7	73	0.00
25	T	2-Butanone	250.000	221.060	11.6	69	0.00
26	T	2,2-Dichloropropane	50.000	43.985	12.0	75	0.00
27	T	cis-1,2-Dichloroethene	50.000	45.922	8.2	76	0.00
28	T	Bromochloromethane	50.000	43.760	12.5	102	0.00
29	T	Tetrahydrofuran	250.000	216.431	13.4	67	0.00
30	C	Chloroform	50.000	44.705	10.6#	75	0.00
31	T	Cyclohexane	50.000	44.299	11.4	76	0.00
32	T	1,1,1-Trichloroethane	50.000	46.687	6.6	78	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.714	-5.4	101	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	90	0.00
35	S	Dibromofluoromethane	50.000	58.392	-16.8	106	0.00
36	T	1,1-Dichloropropene	50.000	47.434	5.1	75	0.00
37	T	Ethyl Acetate	50.000	44.433	11.1	67	0.00
38	T	Carbon Tetrachloride	50.000	50.774	-1.5	81	0.00
39	T	Methylcyclohexane	50.000	52.166	-4.3	79	0.00
40	TM	Benzene	50.000	47.107	5.8	73	0.00
41	T	Methacrylonitrile	50.000	45.899	8.2	71	0.00
42	TM	1,2-Dichloroethane	50.000	46.358	7.3	71	0.00
43	T	Isopropyl Acetate	50.000	44.725	10.5	66	0.00
44	TM	Trichloroethene	50.000	49.180	1.6	77	0.00
45	C	1,2-Dichloropropane	50.000	46.552	6.9#	73	0.00
46	T	Dibromomethane	50.000	46.897	6.2	72	0.00
47	T	Bromodichloromethane	50.000	48.938	2.1	75	0.00
48	T	Methyl methacrylate	50.000	46.759	6.5	67	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	926.611	7.3	69	0.00
50	S	Toluene-d8	50.000	58.034	-16.1	105	0.00
51	T	4-Methyl-2-Pentanone	250.000	233.359	6.7	68	0.00
52	CM	Toluene	50.000	48.068	3.9#	73	0.00
53	T	t-1,3-Dichloropropene	50.000	49.855	0.3	73	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.394	3.2	73	0.00
55	T	1,1,2-Trichloroethane	50.000	47.790	4.4	74	0.00
56	T	Ethyl methacrylate	50.000	49.014	2.0	69	0.00
57	T	1,3-Dichloropropane	50.000	47.908	4.2	73	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	257.071	-2.8	85	0.00
59	T	2-Hexanone	250.000	239.387	4.2	68	0.00
60	T	Dibromochloromethane	50.000	50.661	-1.3	76	0.00
61	T	1,2-Dibromoethane	50.000	49.367	1.3	73	0.00
62	S	4-Bromofluorobenzene	50.000	59.948	-19.9	104	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64	T	Tetrachloroethene	50.000	51.889	-3.8	80	0.00
65	PM	Chlorobenzene	50.000	49.595	0.8	76	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.121	-0.2	77	0.00
67	C	Ethyl Benzene	50.000	49.450	1.1#	75	0.00
68	T	m/p-Xylenes	100.000	100.743	-0.7	74	0.00
69	T	o-Xylene	50.000	50.089	-0.2	75	0.00
70	T	Styrene	50.000	51.151	-2.3	74	0.00
71	P	Bromoform	50.000	51.830	-3.7	78	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73	T	Isopropylbenzene	50.000	46.943	6.1	75	0.00
74	T	N-amyl acetate	50.000	46.221	7.6	68	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	44.575	10.8	70	0.00
76	T	1,2,3-Trichloropropane	50.000	47.704	4.6	71	0.00
77	T	Bromobenzene	50.000	48.089	3.8	79	0.00
78	T	n-propylbenzene	50.000	47.817	4.4	76	0.00
79	T	2-Chlorotoluene	50.000	46.115	7.8	73	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.738	4.5	75	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.105	-0.2	71	0.00
82	T	4-Chlorotoluene	50.000	47.102	5.8	75	0.00
83	T	tert-Butylbenzene	50.000	49.497	1.0	81	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.645	4.7	74	0.00
85	T	sec-Butylbenzene	50.000	49.447	1.1	78	0.00
86	T	p-Isopropyltoluene	50.000	49.730	0.5	79	0.00
87	T	1,3-Dichlorobenzene	50.000	48.579	2.8	79	0.00
88	T	1,4-Dichlorobenzene	50.000	48.663	2.7	79	0.00
89	T	n-Butylbenzene	50.000	49.898	0.2	78	0.00
90	T	Hexachloroethane	50.000	52.142	-4.3	80	0.00
91	T	1,2-Dichlorobenzene	50.000	48.782	2.4	77	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.910	8.2	71	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.082	-6.2	85	0.00
94	T	Hexachlorobutadiene	50.000	56.637	-13.3	93	0.00
95	T	Naphthalene	50.000	52.964	-5.9	79	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.757	-7.5	86	0.00

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