Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042424\
Data File : VY018039.D
Acq On : 24 Apr 2024 16:51
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Apr 25 01:36:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:24:42 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	84	0.00
2	T	Dichlorodifluoromethane	50.000	45.650	8.7	79	0.00
3	P	Chloromethane	50.000	35.961	28.1#	64	0.00
4	C	Vinyl Chloride	50.000	36.699	26.6#	62	0.00
5	T	Bromomethane	50.000	41.032	17.9	69	0.00
6	T	Chloroethane	50.000	37.931	24.1	65	0.00
7	T	Trichlorofluoromethane	50.000	42.209	15.6	71	0.00
8	T	Diethyl Ether	50.000	43.127	13.7	72	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	43.238	13.5	72	-0.01
10	T	Methyl Iodide	50.000	44.568	10.9	73	0.00
11	T	Tert butyl alcohol	250.000	179.560	28.2#	61	-0.01
12	CM	1,1-Dichloroethene	50.000	44.963	10.1#	75	-0.01
13	T	Acrolein	250.000	236.240	5.5	81	0.00
14	T	Allyl chloride	50.000	45.161	9.7	74	0.00
15	T	Acrylonitrile	250.000	213.703	14.5	70	0.00
16	T	Acetone	250.000	193.169	22.7	63	-0.01
17	T	Carbon Disulfide	50.000	41.930	16.1	70	0.00
18	T	Methyl Acetate	50.000	39.565	20.9	71	-0.01
19	T	Methyl tert-butyl Ether	50.000	43.657	12.7	70	-0.01
20	T	Methylene Chloride	50.000	52.673	-5.3	92	-0.01
21	T	trans-1,2-Dichloroethene	50.000	45.707	8.6	75	-0.01
22	T	Diisopropyl ether	50.000	47.551	4.9	76	-0.01
23	T	Vinyl Acetate	250.000	222.451	11.0	70	-0.01
24	P	1,1-Dichloroethane	50.000	45.376	9.2	75	-0.01
25	T	2-Butanone	250.000	204.210	18.3	65	0.00
26	T	2,2-Dichloropropane	50.000	45.121	9.8	74	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.423	7.2	76	0.00
28	T	Bromochloromethane	50.000	42.683	14.6	71	-0.01
29	T	Tetrahydrofuran	250.000	208.293	16.7	68	0.00
30	C	Chloroform	50.000	46.117	7.8#	77	-0.01
31	T	Cyclohexane	50.000	42.282	15.4	71	0.00
32	T	1,1,1-Trichloroethane	50.000	46.104	7.8	76	-0.01
33	S	1,2-Dichloroethane-d4	50.000	41.027	17.9	66	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	83	0.00
35	S	Dibromofluoromethane	50.000	44.392	11.2	68	-0.01
36	T	1,1-Dichloropropene	50.000	46.311	7.4	73	0.00
37	T	Ethyl Acetate	50.000	43.220	13.6	69	0.00
38	T	Carbon Tetrachloride	50.000	48.312	3.4	76	-0.01
39	T	Methylcyclohexane	50.000	45.515	9.0	70	0.00
40	TM	Benzene	50.000	47.742	4.5	76	0.00
41	T	Methacrylonitrile	50.000	53.834	-7.7	85	0.00
42	TM	1,2-Dichloroethane	50.000	44.405	11.2	71	-0.01
43	T	Isopropyl Acetate	50.000	41.670	16.7	65	0.00
44	TM	Trichloroethene	50.000	49.019	2.0	78	0.00
45	C	1,2-Dichloropropane	50.000	47.831	4.3#	76	0.00
46	T	Dibromomethane	50.000	46.215	7.6	74	0.00
47	T	Bromodichloromethane	50.000	47.241	5.5	75	0.00
48	T	Methyl methacrylate	50.000	43.640	12.7	67	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	887.494	11.3	69	0.00
50	S	Toluene-d8	50.000	47.355	5.3	71	0.00
51	T	4-Methyl-2-Pentanone	250.000	218.469	12.6	67	0.00
52	CM	Toluene	50.000	50.263	-0.5#	78	0.00
53	T	t-1,3-Dichloropropene	50.000	47.902	4.2	74	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.179	3.6	75	0.00
55	T	1,1,2-Trichloroethane	50.000	47.223	5.6	75	0.00
56	T	Ethyl methacrylate	50.000	46.551	6.9	70	0.00
57	T	1,3-Dichloropropane	50.000	47.774	4.5	76	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	202.500	19.0	64	0.00
59	T	2-Hexanone	250.000	225.906	9.6	68	0.00
60	T	Dibromochloromethane	50.000	49.747	0.5	78	0.00
61	T	1,2-Dibromoethane	50.000	46.460	7.1	73	0.00
62	S	4-Bromofluorobenzene	50.000	47.347	5.3	71	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00
64	T	Tetrachloroethene	50.000	49.127	1.7	80	0.00
65	PM	Chlorobenzene	50.000	47.839	4.3	79	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.803	2.4	80	0.00
67	C	Ethyl Benzene	50.000	48.524	3.0#	77	0.00
68	T	m/p-Xylenes	100.000	98.303	1.7	78	0.00
69	T	o-Xylene	50.000	49.660	0.7	79	0.00
70	T	Styrene	50.000	50.781	-1.6	79	0.00
71	P	Bromoform	50.000	46.794	6.4	76	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	90	0.00
73	T	Isopropylbenzene	50.000	46.737	6.5	79	0.00
74	T	N-amyl acetate	50.000	41.441	17.1	70	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	41.240	17.5	73	0.00
76	T	1,2,3-Trichloropropane	50.000	41.694	16.6	74	0.00
77	T	Bromobenzene	50.000	46.168	7.7	79	0.00
78	T	n-propylbenzene	50.000	46.600	6.8	78	0.00
79	T	2-Chlorotoluene	50.000	46.415	7.2	80	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.614	4.8	79	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	41.451	17.1	71	0.00
82	T	4-Chlorotoluene	50.000	45.988	8.0	79	0.00
83	T	tert-Butylbenzene	50.000	47.645	4.7	80	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.786	4.4	80	0.00
85	T	sec-Butylbenzene	50.000	47.212	5.6	79	0.00
86	T	p-Isopropyltoluene	50.000	48.110	3.8	80	0.00
87	T	1,3-Dichlorobenzene	50.000	46.701	6.6	81	0.00
88	T	1,4-Dichlorobenzene	50.000	46.579	6.8	81	0.00
89	T	n-Butylbenzene	50.000	47.516	5.0	79	0.00
90	T	Hexachloroethane	50.000	46.987	6.0	82	0.00
91	T	1,2-Dichlorobenzene	50.000	46.524	7.0	80	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	41.205	17.6	73	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.884	4.2	83	0.00
94	T	Hexachlorobutadiene	50.000	49.454	1.1	86	0.00
95	T	Naphthalene	50.000	46.415	7.2	78	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.684	4.6	82	0.00

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