Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032024\
Data File : VY017719.D
Acq On : 20 Mar 2024 09:01
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Mar 21 03:10:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 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	88	0.01
2	T	Dichlorodifluoromethane	50.000	45.927	8.1	83	0.01
3	P	Chloromethane	50.000	45.280	9.4	81	0.02
4	C	Vinyl Chloride	50.000	47.209	5.6#	83	0.01
5	T	Bromomethane	50.000	46.984	6.0	85	0.02
6	T	Chloroethane	50.000	51.150	-2.3	88	0.02
7	T	Trichlorofluoromethane	50.000	43.699	12.6	77	0.02
8	T	Diethyl Ether	50.000	45.483	9.0	75	0.02
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.110	1.8	85	0.02
10	T	Methyl Iodide	50.000	52.073	-4.1	83	0.02
11	T	Tert butyl alcohol	250.000	154.376	38.2#	59	0.01
12	CM	1,1-Dichloroethene	50.000	49.921	0.2#	86	0.03
13	T	Acrolein	250.000	124.231	50.3#	43	0.02
14	T	Allyl chloride	50.000	52.098	-4.2	87	0.02
15	T	Acrylonitrile	250.000	215.652	13.7	70	0.02
16	T	Acetone	250.000	279.821	-11.9	94	0.02
17	T	Carbon Disulfide	50.000	51.263	-2.5	88	0.02
18	T	Methyl Acetate	50.000	46.637	6.7	74	0.02
19	T	Methyl tert-butyl Ether	50.000	46.002	8.0	74	0.02
20	T	Methylene Chloride	50.000	50.405	-0.8	82	0.03
21	T	trans-1,2-Dichloroethene	50.000	51.139	-2.3	86	0.02
22	T	Diisopropyl ether	50.000	51.757	-3.5	84	0.01
23	T	Vinyl Acetate	250.000	241.593	3.4	77	0.02
24	P	1,1-Dichloroethane	50.000	51.770	-3.5	88	0.02
25	T	2-Butanone	250.000	250.562	-0.2	81	0.02
26	T	2,2-Dichloropropane	50.000	52.824	-5.6	91	0.02
27	T	cis-1,2-Dichloroethene	50.000	50.991	-2.0	85	0.01
28	T	Bromochloromethane	50.000	55.829	-11.7	113	0.02
29	T	Tetrahydrofuran	250.000	211.581	15.4	67	0.02
30	C	Chloroform	50.000	51.048	-2.1#	87	0.02
31	T	Cyclohexane	50.000	51.371	-2.7	90	0.02
32	T	1,1,1-Trichloroethane	50.000	50.626	-1.3	86	0.02
33	S	1,2-Dichloroethane-d4	50.000	36.942	26.1#	65	0.02
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.02
35	S	Dibromofluoromethane	50.000	37.752	24.5	68	0.02
36	T	1,1-Dichloropropene	50.000	51.712	-3.4	88	0.02
37	T	Ethyl Acetate	50.000	40.983	18.0	69	0.02
38	T	Carbon Tetrachloride	50.000	51.014	-2.0	86	0.02
39	T	Methylcyclohexane	50.000	53.095	-6.2	88	0.02
40	TM	Benzene	50.000	50.967	-1.9	86	0.02
41	T	Methacrylonitrile	50.000	47.901	4.2	75	0.00
42	TM	1,2-Dichloroethane	50.000	47.980	4.0	80	0.02
43	T	Isopropyl Acetate	50.000	43.552	12.9	70	0.01
44	TM	Trichloroethene	50.000	48.584	2.8	84	0.02
45	C	1,2-Dichloropropane	50.000	50.586	-1.2#	86	0.01
46	T	Dibromomethane	50.000	46.762	6.5	79	0.01
47	T	Bromodichloromethane	50.000	49.750	0.5	83	0.01
48	T	Methyl methacrylate	50.000	45.475	9.0	72	0.01

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	785.424	21.5	64	0.02
50	S	Toluene-d8	50.000	40.494	19.0	69	0.01
51	T	4-Methyl-2-Pentanone	250.000	216.056	13.6	70	0.01
52	CM	Toluene	50.000	51.143	-2.3#	86	0.01
53	T	t-1,3-Dichloropropene	50.000	48.761	2.5	79	0.01
54	T	cis-1,3-Dichloropropene	50.000	50.129	-0.3	84	0.01
55	T	1,1,2-Trichloroethane	50.000	46.033	7.9	78	0.01
56	T	Ethyl methacrylate	50.000	41.976	16.0	70	0.01
57	T	1,3-Dichloropropane	50.000	46.530	6.9	77	0.01
58	T	2-Chloroethyl Vinyl ether	250.000	279.416	-11.8	107	0.01
59	T	2-Hexanone	250.000	244.438	2.2	76	0.01
60	T	Dibromochloromethane	50.000	47.411	5.2	78	0.01
61	T	1,2-Dibromoethane	50.000	45.909	8.2	76	0.01
62	S	4-Bromofluorobenzene	50.000	39.794	20.4	67	0.01
63	I	Chlorobenzene-d5	50.000	50.000	0.0	88	0.01
64	T	Tetrachloroethene	50.000	46.920	6.2	80	0.01
65	PM	Chlorobenzene	50.000	50.231	-0.5	84	0.01
66	T	1,1,1,2-Tetrachloroethane	50.000	49.290	1.4	82	0.01
67	C	Ethyl Benzene	50.000	52.853	-5.7#	86	0.01
68	T	m/p-Xylenes	100.000	105.810	-5.8	85	0.00
69	T	o-Xylene	50.000	52.921	-5.8	84	0.01
70	T	Styrene	50.000	51.629	-3.3	81	0.00
71	P	Bromoform	50.000	44.578	10.8	72	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	83	0.01
73	T	Isopropylbenzene	50.000	54.355	-8.7	85	0.01
74	T	N-amyl acetate	50.000	45.278	9.4	67	0.01
75	P	1,1,2,2-Tetrachloroethane	50.000	47.879	4.2	74	0.01
76	T	1,2,3-Trichloropropane	50.000	40.043	19.9	65	0.01
77	T	Bromobenzene	50.000	49.164	1.7	78	0.01
78	T	n-propylbenzene	50.000	54.961	-9.9	85	0.01
79	T	2-Chlorotoluene	50.000	52.690	-5.4	83	0.01
80	T	1,3,5-Trimethylbenzene	50.000	53.904	-7.8	83	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.202	7.6	71	0.00
82	T	4-Chlorotoluene	50.000	51.868	-3.7	82	0.01
83	T	tert-Butylbenzene	50.000	55.154	-10.3	85	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.657	-7.3	83	0.01
85	T	sec-Butylbenzene	50.000	54.183	-8.4	83	0.01
86	T	p-Isopropyltoluene	50.000	54.383	-8.8	83	0.01
87	T	1,3-Dichlorobenzene	50.000	49.668	0.7	79	0.00
88	T	1,4-Dichlorobenzene	50.000	48.959	2.1	77	0.00
89	T	n-Butylbenzene	50.000	54.730	-9.5	82	0.00
90	T	Hexachloroethane	50.000	51.564	-3.1	82	0.01
91	T	1,2-Dichlorobenzene	50.000	49.038	1.9	76	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	39.721	20.6	63	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.225	7.5	69	0.00
94	T	Hexachlorobutadiene	50.000	47.125	5.8	76	0.00
95	T	Naphthalene	50.000	38.083	23.8	60	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.287	11.4	66	0.01

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