Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010523\
Data File : VY012081.D
Acq On : 05 Jan 2023 17:37
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jan 05 23:20:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:37:37 2022
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	72	0.00
2	T	Dichlorodifluoromethane	50.000	42.739	14.5	55	0.00
3	P	Chloromethane	50.000	35.614	28.8#	48	0.00
4	C	Vinyl Chloride	50.000	38.406	23.2#	51	0.00
5	T	Bromomethane	50.000	41.916	16.2	59	0.00
6	T	Chloroethane	50.000	41.924	16.2	57	0.00
7	T	Trichlorofluoromethane	50.000	45.728	8.5	63	0.00
8	T	Diethyl Ether	50.000	52.053	-4.1	72	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	44.448	11.1	62	0.00
10	T	Methyl Iodide	50.000	45.888	8.2	59	0.00
11	T	Tert butyl alcohol	250.000	340.366	-36.1#	94	0.00
12	CM	1,1-Dichloroethene	50.000	43.422	13.2#	59	0.00
13	T	Acrolein	250.000	179.150	28.3#	56	0.00
14	T	Allyl chloride	50.000	42.386	15.2	58	0.00
15	T	Acrylonitrile	250.000	291.679	-16.7	79	0.00
16	T	Acetone	250.000	209.899	16.0	55	0.00
17	T	Carbon Disulfide	50.000	34.826	30.3#	47	0.00
18	T	Methyl Acetate	50.000	52.709	-5.4	74	0.00
19	T	Methyl tert-butyl Ether	50.000	59.664	-19.3	80	0.00
20	T	Methylene Chloride	50.000	47.134	5.7	65	0.00
21	T	trans-1,2-Dichloroethene	50.000	44.160	11.7	60	-0.01
22	T	Diisopropyl ether	50.000	48.576	2.8	65	0.00
23	T	Vinyl Acetate	250.000	267.770	-7.1	70	0.00
24	P	1,1-Dichloroethane	50.000	46.748	6.5	65	0.00
25	T	2-Butanone	250.000	257.760	-3.1	66	0.00
26	T	2,2-Dichloropropane	50.000	47.954	4.1	68	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.804	0.4	68	0.00
28	T	Bromochloromethane	50.000	45.837	8.3	68	0.00
29	T	Tetrahydrofuran	250.000	285.925	-14.4	74	0.00
30	C	Chloroform	50.000	51.185	-2.4#	71	0.00
31	T	Cyclohexane	50.000	36.525	27.0#	52	0.00
32	T	1,1,1-Trichloroethane	50.000	49.827	0.3	70	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.601	-5.2	75	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	72	0.00
35	S	Dibromofluoromethane	50.000	51.253	-2.5	71	0.00
36	T	1,1-Dichloropropene	50.000	44.582	10.8	61	0.00
37	T	Ethyl Acetate	50.000	58.723	-17.4	80	0.00
38	T	Carbon Tetrachloride	50.000	49.281	1.4	68	0.00
39	T	Methylcyclohexane	50.000	41.376	17.2	55	0.00
40	TM	Benzene	50.000	47.178	5.6	65	0.00
41	T	Methacrylonitrile	50.000	59.604	-19.2	76	0.00
42	TM	1,2-Dichloroethane	50.000	56.386	-12.8	78	0.00
43	T	Isopropyl Acetate	50.000	58.320	-16.6	78	0.00
44	TM	Trichloroethene	50.000	48.761	2.5	68	0.00
45	C	1,2-Dichloropropane	50.000	48.160	3.7#	67	0.00
46	T	Dibromomethane	50.000	55.008	-10.0	75	0.00
47	T	Bromodichloromethane	50.000	54.018	-8.0	74	0.00
48	T	Methyl methacrylate	50.000	56.950	-13.9	76	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1403.526	-40.4#	90	0.00
50	S	Toluene-d8	50.000	47.647	4.7	66	0.00
51	T	4-Methyl-2-Pentanone	250.000	300.544	-20.2	78	0.00
52	CM	Toluene	50.000	49.757	0.5#	67	0.00
53	T	t-1,3-Dichloropropene	50.000	55.927	-11.9	76	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.736	-5.5	71	0.00
55	T	1,1,2-Trichloroethane	50.000	55.278	-10.6	77	0.00
56	T	Ethyl methacrylate	50.000	61.002	-22.0	79	0.00
57	T	1,3-Dichloropropane	50.000	56.122	-12.2	75	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	296.622	-18.6	84	0.00
59	T	2-Hexanone	250.000	292.800	-17.1	73	0.00
60	T	Dibromochloromethane	50.000	58.937	-17.9	79	0.00
61	T	1,2-Dibromoethane	50.000	56.718	-13.4	77	0.00
62	S	4-Bromofluorobenzene	50.000	52.649	-5.3	73	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	74	0.00
64	T	Tetrachloroethene	50.000	50.176	-0.4	71	0.00
65	PM	Chlorobenzene	50.000	49.811	0.4	71	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.650	-7.3	76	0.00
67	C	Ethyl Benzene	50.000	48.858	2.3#	68	0.00
68	T	m/p-Xylenes	100.000	99.503	0.5	70	0.00
69	T	o-Xylene	50.000	51.611	-3.2	72	0.00
70	T	Styrene	50.000	53.145	-6.3	73	0.00
71	P	Bromoform	50.000	61.598	-23.2	87	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	82	0.00
73	T	Isopropylbenzene	50.000	45.942	8.1	71	0.00
74	T	N-amyl acetate	50.000	53.153	-6.3	80	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.755	-1.5	81	0.00
76	T	1,2,3-Trichloropropane	50.000	40.020	20.0	63	0.00
77	T	Bromobenzene	50.000	49.074	1.9	78	0.00
78	T	n-propylbenzene	50.000	44.536	10.9	69	0.00
79	T	2-Chlorotoluene	50.000	45.501	9.0	71	0.00
80	T	1,3,5-Trimethylbenzene	50.000	46.903	6.2	72	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.927	-7.9	84	0.00
82	T	4-Chlorotoluene	50.000	46.321	7.4	72	0.00
83	T	tert-Butylbenzene	50.000	47.889	4.2	73	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.521	5.0	73	0.00
85	T	sec-Butylbenzene	50.000	45.589	8.8	71	0.00
86	T	p-Isopropyltoluene	50.000	47.539	4.9	73	0.00
87	T	1,3-Dichlorobenzene	50.000	48.577	2.8	77	0.00
88	T	1,4-Dichlorobenzene	50.000	47.915	4.2	77	0.00
89	T	n-Butylbenzene	50.000	46.087	7.8	71	0.00
90	T	Hexachloroethane	50.000	46.051	7.9	73	0.00
91	T	1,2-Dichlorobenzene	50.000	50.894	-1.8	80	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	60.753	-21.5	93	0.00
93	T	1,2,4-Trichlorobenzene	50.000	56.159	-12.3	84	0.00
94	T	Hexachlorobutadiene	50.000	49.178	1.6	77	0.00
95	T	Naphthalene	50.000	57.155	-14.3	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	58.171	-16.3	87	0.00

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