Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020625\
Data File : VD080253.D
Acq On : 06 Feb 2025 17:47
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Feb 07 00:31:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 05:44:14 2025
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	0.00
2	T	Dichlorodifluoromethane	50.000	33.469	33.1#	68	0.00
3	P	Chloromethane	50.000	32.456	35.1#	64	0.00
4	C	Vinyl Chloride	50.000	34.963	30.1#	69	0.00
5	T	Bromomethane	50.000	40.921	18.2	70	0.00
6	T	Chloroethane	50.000	37.400	25.2#	73	0.00
7	T	Trichlorofluoromethane	50.000	36.264	27.5#	72	0.00
8	T	Diethyl Ether	50.000	38.102	23.8	69	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	39.860	20.3	82	0.00
10	T	Methyl Iodide	50.000	48.612	2.8	86	0.00
11	T	Tert butyl alcohol	250.000	193.073	22.8	72	0.01
12	CM	1,1-Dichloroethene	50.000	39.427	21.1#	79	0.00
13	T	Acrolein	250.000	180.911	27.6#	68	0.00
14	T	Allyl chloride	50.000	38.786	22.4	72	0.00
15	T	Acrylonitrile	250.000	204.761	18.1	70	-0.01
16	T	Acetone	250.000	203.290	18.7	85	0.00
17	T	Carbon Disulfide	50.000	36.536	26.9#	73	0.00
18	T	Methyl Acetate	50.000	41.744	16.5	78	0.00
19	T	Methyl tert-butyl Ether	50.000	41.143	17.7	71	0.00
20	T	Methylene Chloride	50.000	38.776	22.4	76	0.00
21	T	trans-1,2-Dichloroethene	50.000	39.528	20.9	70	0.00
22	T	Diisopropyl ether	50.000	43.179	13.6	71	0.00
23	T	Vinyl Acetate	250.000	215.734	13.7	71	0.00
24	P	1,1-Dichloroethane	50.000	40.340	19.3	73	0.00
25	T	2-Butanone	250.000	205.131	17.9	75	0.00
26	T	2,2-Dichloropropane	50.000	37.217	25.6#	72	0.00
27	T	cis-1,2-Dichloroethene	50.000	40.091	19.8	75	0.00
28	T	Bromochloromethane	50.000	45.544	8.9	83	0.00
29	T	Tetrahydrofuran	250.000	210.099	16.0	76	0.00
30	C	Chloroform	50.000	41.404	17.2#	81	0.00
31	T	Cyclohexane	50.000	38.054	23.9	76	0.00
32	T	1,1,1-Trichloroethane	50.000	40.692	18.6	81	0.00
33	S	1,2-Dichloroethane-d4	50.000	44.206	11.6	85	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	90	0.00
35	S	Dibromofluoromethane	50.000	46.312	7.4	85	0.00
36	T	1,1-Dichloropropene	50.000	41.990	16.0	75	0.00
37	T	Ethyl Acetate	50.000	42.131	15.7	75	0.00
38	T	Carbon Tetrachloride	50.000	42.065	15.9	76	0.00
39	T	Methylcyclohexane	50.000	43.007	14.0	79	0.00
40	TM	Benzene	50.000	41.887	16.2	73	0.00
41	T	Methacrylonitrile	50.000	41.640	16.7	75	0.00
42	TM	1,2-Dichloroethane	50.000	43.304	13.4	78	0.00
43	T	Isopropyl Acetate	50.000	44.241	11.5	80	0.00
44	TM	Trichloroethene	50.000	44.202	11.6	81	0.00
45	C	1,2-Dichloropropane	50.000	44.579	10.8#	79	0.00
46	T	Dibromomethane	50.000	44.434	11.1	77	0.00
47	T	Bromodichloromethane	50.000	43.588	12.8	78	0.00
48	T	Methyl methacrylate	50.000	46.312	7.4	79	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	870.260	13.0	69	0.00
50	S	Toluene-d8	50.000	48.821	2.4	83	0.00
51	T	4-Methyl-2-Pentanone	250.000	238.731	4.5	79	0.00
52	CM	Toluene	50.000	45.340	9.3#	80	0.00
53	T	t-1,3-Dichloropropene	50.000	46.001	8.0	84	0.00
54	T	cis-1,3-Dichloropropene	50.000	44.073	11.9	73	0.00
55	T	1,1,2-Trichloroethane	50.000	43.884	12.2	84	0.00
56	T	Ethyl methacrylate	50.000	48.249	3.5	85	0.00
57	T	1,3-Dichloropropane	50.000	45.307	9.4	84	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	296.119	-18.4	90	0.00
59	T	2-Hexanone	250.000	246.506	1.4	88	0.00
60	T	Dibromochloromethane	50.000	46.790	6.4	86	0.00
61	T	1,2-Dibromoethane	50.000	47.166	5.7	88	0.00
62	S	4-Bromofluorobenzene	50.000	49.636	0.7	86	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64	T	Tetrachloroethene	50.000	42.426	15.1	84	0.00
65	PM	Chlorobenzene	50.000	41.873	16.3	72	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	43.101	13.8	75	0.00
67	C	Ethyl Benzene	50.000	43.522	13.0#	73	0.00
68	T	m/p-Xylenes	100.000	89.141	10.9	79	0.00
69	T	o-Xylene	50.000	43.881	12.2	77	0.00
70	T	Styrene	50.000	45.647	8.7	79	0.00
71	P	Bromoform	50.000	44.614	10.8	74	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73	T	Isopropylbenzene	50.000	40.038	19.9	78	0.00
74	T	N-amyl acetate	50.000	42.007	16.0	83	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	40.470	19.1	81	0.00
76	T	1,2,3-Trichloropropane	50.000	40.535	18.9	87	0.00
77	T	Bromobenzene	50.000	40.283	19.4	82	0.00
78	T	n-propylbenzene	50.000	40.668	18.7	77	0.00
79	T	2-Chlorotoluene	50.000	41.177	17.6	80	0.00
80	T	1,3,5-Trimethylbenzene	50.000	42.238	15.5	82	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	41.402	17.2	81	0.00
82	T	4-Chlorotoluene	50.000	41.649	16.7	82	0.00
83	T	tert-Butylbenzene	50.000	42.877	14.2	87	0.00
84	T	1,2,4-Trimethylbenzene	50.000	42.962	14.1	77	0.00
85	T	sec-Butylbenzene	50.000	42.593	14.8	85	0.00
86	T	p-Isopropyltoluene	50.000	41.759	16.5	83	0.00
87	T	1,3-Dichlorobenzene	50.000	42.072	15.9	86	0.00
88	T	1,4-Dichlorobenzene	50.000	40.651	18.7	84	0.00
89	T	n-Butylbenzene	50.000	42.146	15.7	86	0.00
90	T	Hexachloroethane	50.000	40.813	18.4	84	0.00
91	T	1,2-Dichlorobenzene	50.000	41.589	16.8	82	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	43.958	12.1	80	0.01
93	T	1,2,4-Trichlorobenzene	50.000	39.736	20.5	74	0.00
94	T	Hexachlorobutadiene	50.000	38.865	22.3	76	0.00
95	T	Naphthalene	50.000	42.574	14.9	74	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	39.926	20.1	73	0.00

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