Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022509.D
Acq On : 02 Jun 2025 19:54
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jun 03 04:11:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 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	89	0.00
2	T	Dichlorodifluoromethane	50.000	40.709	18.6	79	0.00
3	P	Chloromethane	50.000	47.186	5.6	91	0.00
4	C	Vinyl Chloride	50.000	48.592	2.8#	89	0.00
5	T	Bromomethane	50.000	40.280	19.4	85	0.00
6	T	Chloroethane	50.000	46.514	7.0	91	0.00
7	T	Trichlorofluoromethane	50.000	46.677	6.6	89	0.00
8	T	Diethyl Ether	50.000	49.507	1.0	89	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	44.399	11.2	81	0.00
10	T	Methyl Iodide	50.000	47.475	5.0	78	0.00
11	T	Tert butyl alcohol	250.000	255.636	-2.3	93	-0.01
12	CM	1,1-Dichloroethene	50.000	45.773	8.5#	83	0.00
13	T	Acrolein	250.000	232.538	7.0	86	0.00
14	T	Allyl chloride	50.000	45.978	8.0	84	0.00
15	T	Acrylonitrile	250.000	258.433	-3.4	91	0.00
16	T	Acetone	250.000	206.186	17.5	72	0.00
17	T	Carbon Disulfide	50.000	46.003	8.0	83	0.00
18	T	Methyl Acetate	50.000	56.891	-13.8	103	0.00
19	T	Methyl tert-butyl Ether	50.000	48.810	2.4	88	0.00
20	T	Methylene Chloride	50.000	46.215	7.6	93	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.197	7.6	85	0.00
22	T	Diisopropyl ether	50.000	47.239	5.5	85	0.00
23	T	Vinyl Acetate	250.000	235.777	5.7	84	0.00
24	P	1,1-Dichloroethane	50.000	47.183	5.6	86	0.00
25	T	2-Butanone	250.000	245.217	1.9	86	0.00
26	T	2,2-Dichloropropane	50.000	42.933	14.1	77	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.034	3.9	85	0.00
28	T	Bromochloromethane	50.000	49.608	0.8	92	0.00
29	T	Tetrahydrofuran	250.000	256.350	-2.5	93	0.00
30	C	Chloroform	50.000	48.369	3.3#	87	0.00
31	T	Cyclohexane	50.000	42.045	15.9	80	0.00
32	T	1,1,1-Trichloroethane	50.000	46.927	6.1	84	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.389	-0.8	85	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	91	0.00
35	S	Dibromofluoromethane	50.000	48.870	2.3	83	0.00
36	T	1,1-Dichloropropene	50.000	45.269	9.5	82	0.00
37	T	Ethyl Acetate	50.000	50.281	-0.6	86	0.00
38	T	Carbon Tetrachloride	50.000	45.600	8.8	81	0.00
39	T	Methylcyclohexane	50.000	44.531	10.9	80	0.00
40	TM	Benzene	50.000	47.731	4.5	86	0.00
41	T	Methacrylonitrile	50.000	48.403	3.2	89	0.00
42	TM	1,2-Dichloroethane	50.000	49.210	1.6	89	0.00
43	T	Isopropyl Acetate	50.000	49.636	0.7	88	0.00
44	TM	Trichloroethene	50.000	47.347	5.3	85	0.00
45	C	1,2-Dichloropropane	50.000	48.737	2.5#	87	0.00
46	T	Dibromomethane	50.000	49.250	1.5	88	0.00
47	T	Bromodichloromethane	50.000	48.405	3.2	86	0.00
48	T	Methyl methacrylate	50.000	49.282	1.4	88	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1023.633	-2.4	96	0.00
50	S	Toluene-d8	50.000	49.035	1.9	84	0.00
51	T	4-Methyl-2-Pentanone	250.000	259.628	-3.9	90	0.00
52	CM	Toluene	50.000	47.705	4.6#	86	0.00
53	T	t-1,3-Dichloropropene	50.000	48.329	3.3	86	0.00
54	T	cis-1,3-Dichloropropene	50.000	47.659	4.7	85	0.00
55	T	1,1,2-Trichloroethane	50.000	48.720	2.6	89	0.00
56	T	Ethyl methacrylate	50.000	49.760	0.5	87	0.00
57	T	1,3-Dichloropropane	50.000	49.962	0.1	90	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	262.833	-5.1	95	0.00
59	T	2-Hexanone	250.000	257.047	-2.8	90	0.00
60	T	Dibromochloromethane	50.000	49.603	0.8	88	0.00
61	T	1,2-Dibromoethane	50.000	50.389	-0.8	91	0.00
62	S	4-Bromofluorobenzene	50.000	48.911	2.2	86	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	93	0.00
64	T	Tetrachloroethene	50.000	46.940	6.1	86	0.00
65	PM	Chlorobenzene	50.000	46.359	7.3	86	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	46.990	6.0	86	0.00
67	C	Ethyl Benzene	50.000	45.694	8.6#	84	0.00
68	T	m/p-Xylenes	100.000	92.079	7.9	85	0.00
69	T	o-Xylene	50.000	45.988	8.0	85	0.00
70	T	Styrene	50.000	47.165	5.7	86	0.00
71	P	Bromoform	50.000	48.457	3.1	89	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73	T	Isopropylbenzene	50.000	43.153	13.7	84	0.00
74	T	N-amyl acetate	50.000	45.108	9.8	85	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.060	7.9	89	0.00
76	T	1,2,3-Trichloropropane	50.000	42.262	15.5	75	0.00
77	T	Bromobenzene	50.000	43.917	12.2	86	0.00
78	T	n-propylbenzene	50.000	42.721	14.6	82	0.00
79	T	2-Chlorotoluene	50.000	43.262	13.5	84	0.00
80	T	1,3,5-Trimethylbenzene	50.000	43.752	12.5	84	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.153	9.7	89	0.00
82	T	4-Chlorotoluene	50.000	43.449	13.1	84	0.00
83	T	tert-Butylbenzene	50.000	43.250	13.5	84	0.00
84	T	1,2,4-Trimethylbenzene	50.000	44.000	12.0	86	0.00
85	T	sec-Butylbenzene	50.000	42.988	14.0	83	0.00
86	T	p-Isopropyltoluene	50.000	43.113	13.8	84	0.00
87	T	1,3-Dichlorobenzene	50.000	43.673	12.7	86	0.00
88	T	1,4-Dichlorobenzene	50.000	44.038	11.9	86	0.00
89	T	n-Butylbenzene	50.000	43.260	13.5	83	0.00
90	T	Hexachloroethane	50.000	44.422	11.2	86	0.00
91	T	1,2-Dichlorobenzene	50.000	44.771	10.5	86	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.450	5.1	86	0.00
93	T	1,2,4-Trichlorobenzene	50.000	43.881	12.2	85	0.00
94	T	Hexachlorobutadiene	50.000	43.651	12.7	85	0.00
95	T	Naphthalene	50.000	47.433	5.1	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.438	11.1	86	0.00

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